

Monthly Proposals Report for January 2019
Office of Grants and Contracts, University of North Texas

Proposals Total by College	January 2018	January 2019	YTD FY2018	YTD FY2019
College of Business	\$ -	\$ -	\$ 771,441	\$ -
College of Education	\$ 417,414	\$ 1,198,264	\$ 3,286,513	\$ 4,571,973
College of Engineering	\$ 6,118,631	\$ 6,255,847	\$ 56,067,581	\$ 47,357,847
College of Health & Public Service (prev. PACS)	\$ 965,578	\$ 1,414,016	\$ 1,666,480	\$ 5,133,436
College of Information	\$ -	\$ 695,770	\$ 3,651,425	\$ 10,840,276
College of Liberal Arts & Social Sciences	\$ 864,981	\$ 1,026,335	\$ 13,534,176	\$ 4,987,976
College of Merchandising Hospitality and Tourism	\$ -	\$ 29,874	\$ 133,033	\$ 188,482
College of Music	\$ 74,485	\$ 38,958	\$ 74,485	\$ 38,958
College of Science	\$ 3,097,059	\$ 3,444,658	\$ 26,811,952	\$ 21,819,191
College of Visual Arts and Design	\$ 217,000	\$ 126,697	\$ 217,000	\$ 276,550
School of Journalism	\$ -	\$ -	\$ 94,938	\$ 120,090
Other ¹	\$ 263,126	\$ 352,381	\$ 1,069,063	\$ 2,420,079
Grand Total:	\$ 12,018,274	\$ 14,582,799	\$ 107,378,088	\$ 97,754,859

Proposals Total by Category	January 2018	January 2019	YTD FY2018	YTD FY2019
Instruction	\$ -	\$ -	\$ 2,153,857	\$ 1,532,408
Public Service	\$ 969,514	\$ 101,012	\$ 2,682,700	\$ 2,222,215
Research (Applied, Basic, Development)	\$ 11,048,760	\$ 14,481,787	\$ 102,531,053	\$ 93,731,192
Other ²	\$ -	\$ -	\$ 10,478	\$ 269,043
Grand Total:	\$ 12,018,274	\$ 14,582,799	\$ 107,378,088	\$ 97,754,859

Proposals Total by Source of Funding	January 2018	January 2019	YTD FY2018	YTD FY2019
Federal	\$ 8,303,668	\$ 10,490,349	\$ 99,177,158	\$ 84,728,807
Private	\$ 2,968,617	\$ 2,807,631	\$ 6,818,099	\$ 10,995,630
State	\$ 745,989	\$ 1,284,820	\$ 1,382,831	\$ 2,030,421
Grand Total:	\$ 12,018,274	\$ 14,582,799	\$ 107,378,088	\$ 97,754,859

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, January FY2019

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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UNT

College of Education

Educational Psychology

Hull, Darrell

Hull, D. , Co-PI; Educational Psychology; Eddy, C. , PI; Eutsler, L. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration; Hayes, A. , Co-PI; Learning Technologies

19-0215 Proposal: New	FW-HTF/RoL: Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Intersection of Virtual Reality and Robotics	Research - Basic	National Science Foundation - Federal NSF	Co-PI	7/1/2019	3.91	48.50%	20%	\$266,281	Pending
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Totals for **Hull, Darrell** **\$266,281**

Totals for **Educational Psychology** **\$266,281**

Teacher Education & Administration

Eddy, Colleen

Eddy, C. , PI; Eutsler, L. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration; Hull, D. , Co-PI; Educational Psychology; Hayes, A. , Co-PI; Learning Technologies

19-0215 Proposal: New	FW-HTF/RoL: Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Intersection of Virtual Reality and Robotics	Research - Basic	National Science Foundation - Federal NSF	PI	7/1/2019	3.91	48.50%	30%	\$399,421	Pending
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Totals for **Eddy, Colleen** **\$399,421**

Eutsler, Lauren

Eutsler, L. , Co-PI; Eddy, C. , PI; Long, C. , Co-PI; Teacher Education & Administration; Hull, D. , Co-PI; Educational Psychology; Hayes, A. , Co-PI; Learning Technologies

19-0215 Proposal: New	FW-HTF/RoL: Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Intersection of Virtual Reality and Robotics	Research - Basic	National Science Foundation - Federal NSF	Co-PI	7/1/2019	3.91	48.50%	20%	\$266,281	Pending
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Totals for **Eutsler, Lauren** **\$266,281**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Long, Christopher											
<i>Long, C. , Co-PI; Eddy, C. , PI; Eutsler, L. , Co-PI; Teacher Education & Administration; Hull, D. , Co-PI; Educational Psychology; Hayes, A. , Co-PI; Learning Technologies</i>											
19-0215 Proposal: New	FW-HTF/RoL: Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Intersection of Virtual Reality and Robotics	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2019	3.91	48.50%	20%	\$266,281	Pending
Totals for Long, Christopher										\$266,281	
Totals for Teacher Education & Administration										\$931,983	
Totals for College of Education										\$1,198,264	

College of Engineering
Biomedical Engineering

Chang, Lingqian

19-0200 Proposal: New	An Innovative Nanopore Microneedle Array for Cell Transformation and Melanoma Therapy	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	8/31/2019	2	5.26%	100%	\$300,000	Pending
<i>Chang, L. , Co-PI; Biomedical Engineering; Rout, B. , PI; Physics</i>											
19-0224 Proposal: New	Improving dose tolerance strategies in Cancer Patients by leveraging sensor networks in conjunction with radiotherapy treatment	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	Co-PI	8/31/2019	2	5.26%	50%	\$149,705	Pending
Totals for Chang, Lingqian										\$449,705	

Yang, Yong

Yang, Y. , PI; Biomedical Engineering; Lund, A. , Co-PI; Biological Sciences

19-0288 Proposal: New	Engineering Blood-Tumor Barrier Chips (BTB Chips) for Breast Cancer Brain Metastases	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	8/31/2019	2	5.26%	70%	\$209,999	Pending
Totals for Yang, Yong										\$209,999	
Totals for Biomedical Engineering										\$659,704	

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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Computer Science & Engineering

Dantu, Ramanamurthy

Dantu, R. , PI; Thompson, M. , Co-PI; Computer Science & Engineering

19-0207 Proposal: New	MRI: Development: A Data-driven Instrument for Building a Living Lab and Transforming First Responder Services to Enable a Multifold Increase in Survival Rates	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2019	3.91	48.50%	90%	\$1,285,714	Pending
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Totals for **Dantu, Ramanamurthy** **\$1,285,714**

Fu, Song

Fu, S. , Co-PI; Yang, Q. , PI; Computer Science & Engineering

19-0166 Proposal: New	MRI Collaborative: Acquisition of Connected and Autonomous Vehicles Platform for Edge Computing Research and Education	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2019	2.91	0.00%	50%	\$420,918	Withdrawn
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Totals for **Fu, Song** **\$420,918**

Ludi, Stephanie

Ludi, S. , Co-PI; Mikler, A. , PI; Ramisetty-Mikler, S. , Co-PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography; O'Neill, M. , Co-PI; Institute of Applied Sciences

19-0076 Proposal: New	Data-Driven Response Planning for Reducing Access Disparities during Bio-Emergencies	Research - Basic	National Institutes of Health - NIH	Federal Flow Thru	Co-PI	9/1/2019	3.91	48.50%	15%	\$213,501	Pending
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19-0275 Proposal: New	Increasing Accessible Design Skills via Service-Oriented Capstone focusing on Developing Software for Special Needs Populations	Research - Applied	UNT Foundation	Not for Profit Flow Thru	PI	9/1/2019	0.91	48.50%	100%	\$149,430	Pending
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Totals for **Ludi, Stephanie** **\$362,931**

Mikler, Armin

Mikler, A. , PI; Ramisetty-Mikler, S. , Co-PI; Ludi, S. , Co-PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography; O'Neill, M. , Co-PI; Institute of Applied Sciences

19-0076 Proposal: New	Data-Driven Response Planning for Reducing Access Disparities during Bio-Emergencies	Research - Basic	National Institutes of Health - NIH	Federal Flow Thru	PI	9/1/2019	3.91	48.50%	40%	\$569,335	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	Mikler, Armin						\$569,335	
Mohanty, Saraju											
<i>Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Engineering Technology</i>											
19-0142 Proposal: New	SaTC: Core: Small: Block-Edge: Blockchain Integrated Scalable and Secure Edge Datacentres for Bigdata based Rapid Response	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	3	48.50%	60%	\$245,212	Pending
			Totals for	Mohanty, Saraju						\$245,212	
Pottathuparambil, Robin											
<i>Pottathuparambil, R. , Co-PI; Computer Science & Engineering; Gafford, L. , PI; Disability & Addiction Rehabilitation</i>											
19-0290 Proposal: New	Explore STEM!	Public Service	Texas Workforce Commission	State of TX	Co-PI	4/1/2019	0.91	31.50%	33%	\$28,483	Pending
			Totals for	Pottathuparambil, Robin						\$28,483	
Ramisetty-Mikler, Suhasini											
<i>Ramisetty-Mikler, S. , Co-PI; Mikler, A. , PI; Ludi, S. , Co-PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography; O'Neill, M. , Co-PI; Institute of Applied Sciences</i>											
19-0076 Proposal: New	Data-Driven Response Planning for Reducing Access Disparities during Bio- Emergencies	Research - Basic	National Institutes of Health - NIH	Federal Flow Thru	Co-PI	9/1/2019	3.91	48.50%	15%	\$213,501	Pending
			Totals for	Ramisetty-Mikler, Suhasini						\$213,501	
Thompson, Mark											
<i>Thompson, M. , Co-PI; Dantu, R. , PI; Computer Science & Engineering</i>											
19-0207 Proposal: New	MRI: Development: A Data-driven Instrument for Building a Living Lab and Transforming First Responder Services to Enable a Multifold Increase in Survival Rates	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2019	3.91	48.50%	10%	\$142,857	Pending
			Totals for	Thompson, Mark						\$142,857	
Yang, Qing											
<i>Yang, Q. , PI; Fu, S. , Co-PI; Computer Science & Engineering</i>											
19-0166 Proposal: New	MRI Collaborative: Acquisition of Connected and Autonomous Vehicles Platform for Edge Computing Research and Education	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2019	2.91	0.00%	50%	\$420,918	Withdrawn

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
		Totals for	Yang, Qing								\$420,918	
		Totals for	Computer Science & Engineering							\$3,689,868		

Electrical Engineering

Acevedo, Miguel

19-0251 Proposal: Supplement	Pilot evaluation of a sustainable autonomous brackish groundwater desalination system - extension	Research - Applied	The Bureau of Reclamation	Federal	PI	1/1/2019	0.41	26.00%	100%	\$14,965	Awarded
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Totals for **Acevedo, Miguel** **\$14,965**

Zhong, Xiangnan

19-0222 Proposal: New	A Distributed Reinforcement Learning Framework for Cyber-Physical Systems in Uncertain Environment	Research - Basic	Oak Ridge Associated Universities	Not for Profit	PI	5/31/2019	1.08	0.00%	100%	\$5,000	Pending
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19-0239 Proposal: New	Collaborative Research: Autonomous Hierarchical Adaptive Dynamic Programming for Decision Making in Complex Environment	Research - Basic	National Science Foundation - NSF	Federal	PI	8/1/2019	2.91	48.50%	100%	\$269,802	Pending
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Totals for **Zhong, Xiangnan** **\$274,802**

Totals for **Electrical Engineering** **\$289,767**

Engineering Technology

Kougianos, Elias

Kougianos, E. , Co-PI; Engineering Technology; Mohanty, S. , PI; Computer Science & Engineering

19-0142 Proposal: New	SaTC: Core: Small: Block-Edge: Blockchain Integrated Scalable and Secure Edge Datacentres for Bigdata based Rapid Response	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	7/1/2019	3	48.50%	40%	\$163,475	Pending
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Totals for **Kougianos, Elias** **\$163,475**

Totals for **Engineering Technology** **\$163,475**

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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Materials Science & Engineering

Choi, Wonbong

Choi, W. , PI; Materials Science & Engineering; Choi, W. , Co-PI; Choi, T. , Co-PI; Mechanical & Energy Engineering

19-0267 Proposal: New	Investigation of transport in 2D heterostructures	Research - Basic	Korea Institute of Energy Research	Foreign	PI	2/1/2019	1.91	48.50%	40%	\$80,000	Pending
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Totals for **Choi, Wonbong** **\$80,000**

D'souza, Francis

D'souza, F. , Co-PI; Materials Science & Engineering; Neogi, A. , PI; Physics; D'souza, F. , Co-PI; Chemistry; Choi, T. , Co-PI; Mechanical & Energy Engineering

19-0249 Proposal: New	MRI: Instrument Acquisition: Attosecond laser amplifier with confocal microscope system for multi-functional diagnostics	Research - Development	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	2	0.00%	6.6%	\$47,728	Pending
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D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry

19-0273 Proposal: New	Syntheses and Studies of Photosensitizer Functionalized Transition Metal Dichalcogenides	Research - Basic	Robert A. Welch Foundation	Not for Profit	Co-PI	6/1/2019	2.91	0.00%	20%	\$39,000	Pending
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Totals for **D'souza, Francis** **\$86,728**

Mukherjee, Sundeep

Mukherjee, S. , PI; Materials Science & Engineering; Tudor, S. , Co-PI; Research & Innovation

19-0278 Proposal: Resubmissio	PFI-TT: Next Generation Fuel Cell Catalysts Based on Low-Cost and High-Performance Amorphous Metals	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2019	1.91	48.50%	100%	\$250,000	Pending
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Totals for **Mukherjee, Sundeep** **\$250,000**

Totals for **Materials Science & Engineering** **\$416,728**

Mechanical & Energy Engineering

Choi, Tae-Youl

Choi, T. , Co-PI; Reid, R. , PI; Mechanical & Energy Engineering

18-0496 Proposal: New	Experimentally Verified, Multiscale Computational Model of Glutamate Expression/Uptake During Micro/Nanoscale Cavitation	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	2.91	48.50%	50%	\$149,995	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>Choi, T. , Co-PI; Mechanical & Energy Engineering; Neogi, A. , PI; Physics; D'souza, F. , Co-PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
19-0249 Proposal: New	MRI: Instrument Acquisition: Attosecond laser amplifier with confocal microscope system for multi-functional diagnostics	Research - Development	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	2	0.00%	10%	\$72,315	Pending
<i>Choi, T. , Co-PI; Choi, W. , Co-PI; Mechanical & Energy Engineering; Choi, W. , PI; Materials Science & Engineering</i>											
19-0267 Proposal: New	Investigation of transport in 2D heterostructures	Research - Basic	Korea Institute of Energy Research	Foreign	Co-PI	2/1/2019	1.91	48.50%	50%	\$100,000	Pending
Totals for			Choi, Tae-Youl							\$322,310	
Choi, Wobong											
<i>Choi, W. , Co-PI; Choi, T. , Co-PI; Mechanical & Energy Engineering; Choi, W. , PI; Materials Science & Engineering</i>											
19-0267 Proposal: New	Investigation of transport in 2D heterostructures	Research - Basic	Korea Institute of Energy Research	Foreign	Co-PI	2/1/2019	1.91	48.50%	10%	\$20,000	Pending
Totals for			Choi, Wobong							\$20,000	
Huang, Hanchen											
19-0266 Proposal: New	A Theory of Growing Crystalline Nanorods	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	7/1/2019	2.91	48.50%	100%	\$510,000	Pending
Totals for			Huang, Hanchen							\$510,000	
John, Kuruvilla											
19-0247 Proposal: New	Air Quality Impact Assessment of a Deepwater Port Structure in South Texas	Research - Applied	Port Industries of Corpus Christi	Not for Profit	PI	1/28/2019	0.58	48.50%	100%	\$34,001	Awarded
Totals for			John, Kuruvilla							\$34,001	
Reid, Russell											
<i>Reid, R. , PI; Choi, T. , Co-PI; Mechanical & Energy Engineering</i>											
18-0496 Proposal: New	Experimentally Verified, Multiscale Computational Model of Glutamate Expression/Uptake During Micro/Nanoscale Cavitation	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2019	2.91	48.50%	50%	\$149,995	Pending
Totals for			Reid, Russell							\$149,995	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
		Totals for	Mechanical & Energy Engineering								\$1,036,306	
		Totals for	College of Engineering								\$6,255,847	

College of Health & Public Service

Behavior Analysis

Becker, April

19-0218 Proposal: New	Improving throughput and sensitivity of the cylinder test for behavioral assessment in stroke research	Research - Basic	Oak Ridge Associated Universities	Not for Profit	PI	6/1/2019	0.91	0.00%	100%	\$5,000	Pending
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Totals for **Becker, April** **\$5,000**

Totals for **Behavior Analysis** **\$5,000**

Disability & Addiction Rehabilitation

Gafford, Lucy

19-0257 Proposal: New	Recovery to Practice--ATTC	Public Service	University of Texas at Austin	Federal Flow Thru	PI	4/1/2019	0.5	8.00%	100%	\$14,700	Pending
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Gafford, L. , PI; Disability & Addiction Rehabilitation; Pottathuparambil, R. , Co-PI; Computer Science & Engineering

19-0290 Proposal: New	Explore STEM!	Public Service	Texas Workforce Commission	State of TX	PI	4/1/2019	0.91	31.50%	67%	\$57,829	Pending
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Totals for **Gafford, Lucy** **\$72,529**

Ingman, Stanley

Ingman, S. , PI; Mpofo, E. , Co-PI; Disability & Addiction Rehabilitation

19-0276 Proposal: New	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research - Basic	Meharry Medical College	Federal Flow Thru	PI	6/1/2019	0.91	8.00%	50%	\$23,148	Pending
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Totals for **Ingman, Stanley** **\$23,148**

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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Moore, Ami

Moore, A. , PI; Mpfu, E. , Co-PI; Disability & Addiction Rehabilitation

18-0471 Proposal: New	Project PrEPare DFW: Disparity reduction intervention in pre-exposure prophylaxis (PrEP) uptake among at risk seronegative African American and Latino men who have sex with men (MSM) in the Dallas, Fort Worth (DFW) Metroplex	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2019	2.91	48.50%	80%	\$503,462	Pending
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Totals for **Moore, Ami** **\$503,462**

Mpfu, Elias

Mpfu, E. , Co-PI; Moore, A. , PI; Disability & Addiction Rehabilitation

18-0471 Proposal: New	Project PrEPare DFW: Disparity reduction intervention in pre-exposure prophylaxis (PrEP) uptake among at risk seronegative African American and Latino men who have sex with men (MSM) in the Dallas, Fort Worth (DFW) Metroplex	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	7/1/2019	2.91	48.50%	20%	\$125,866	Pending
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Mpfu, E. , Co-PI; Ingman, S. , PI; Disability & Addiction Rehabilitation

19-0276 Proposal: New	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research - Basic	Meharry Medical College	Federal Flow Thru	Co-PI	6/1/2019	0.91	8.00%	50%	\$23,148	Pending
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Totals for **Mpfu, Elias** **\$149,014**

Totals for **Disability & Addiction Rehabilitation** **\$748,153**

Public Administration

Andrew, Simon

19-0098 Proposal: New	COLLABORATIVE RESEARCH: INVESTIGATING THE EFFECT OF NEIGHBORHOOD-LEVEL INSTITUTIONS ON COMMUNITY RESILIENCE FOLLOWING HURRICANE FLORENCE IN NORTH CAROLINA	Research - Basic	National Science Foundation - NSF	Federal	PI	4/1/2019	1.91	48.50%	100%	\$136,524	Pending
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Totals for **Andrew, Simon** **\$136,524**

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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Collins, Brian

Collins, B. , PI; Keyes, L. , Co-PI; Public Administration; Tiwari, C. , Co-PI; Geography

19-0213 Proposal: New	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research - Basic	City of San Antonio	Federal Flow Thru	PI	2/18/2019	1	8.76%	50%	\$49,679	Pending
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Totals for **Collins, Brian** **\$49,679**

Keyes, Laura

Keyes, L. , Co-PI; Collins, B. , PI; Public Administration; Tiwari, C. , Co-PI; Geography

19-0213 Proposal: New	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research - Basic	City of San Antonio	Federal Flow Thru	Co-PI	2/18/2019	1	8.76%	50%	\$49,679	Pending
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Totals for **Keyes, Laura** **\$49,679**

Totals for **Public Administration** **\$235,881**

Social Work

Saleh, Mahasin

19-0277 Proposal: New	Using Simulated Instruction to Prepare Students in Culturally Competent Practice	Research - Basic	Texas Womans University	Foundation Flow Thru	PI	9/1/2019	1.91	0.00%	100%	\$9,290	Pending
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Totals for **Saleh, Mahasin** **\$9,290**

Totals for **Social Work** **\$9,290**

Speech & Hearing Sciences

Aoyama, Katsura

19-0100 Proposal: Resubmissio	A phonetic perspective on non-adjacent consonantal sequences in early speech and language	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2019	2.91	48.50%	100%	\$410,692	Pending
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Totals for **Aoyama, Katsura** **\$410,692**

Gopal, Kamakshi

19-0248 Proposal: New	Auditory Evoked Potentials as Possible Objective Markers of Tinnitus	Research - Applied	American Academy of Audiology	Not for Profit	PI	6/15/2019	1	0.00%	100%	\$5,000	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
		Totals for	Gopal, Kamakshi							\$5,000	
		Totals for	Speech & Hearing Sciences							\$415,692	
		Totals for	College of Health & Public Service							\$1,414,016	

College of Information Learning Technologies

Hayes, Aleshia

Hayes, A. , Co-PI; Learning Technologies; Eddy, C. , PI; Eutsler, L. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration; Hull, D. , Co-PI; Educational Psychology

19-0215 Proposal: New	FW-HTF/RoL: Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Intersection of Virtual Reality and Robotics	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2019	3.91	48.50%	10%	\$133,140	Pending
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Totals for **Hayes, Aleshia** **\$133,140**

Warren, Scott

19-0138 Proposal: New	Design, Integration, and Assessment of 3D/VR Learning Modules for Enhancing Undergraduate STEM Coursework (DIAL)	Research - Development	Board of Regents of the University of Oklahoma	Federal Flow Thru	PI	9/21/2019	1.91	48.50%	100%	\$66,856	Pending
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Totals for **Warren, Scott** **\$66,856**

Totals for **Learning Technologies** **\$199,996**

Linguistics

Chelliah, Shobhana

19-0228 Proposal: New	Documentation of Ritual Speech of Khurkhul	Research - Basic	School of Oriental and African Foreign Studies University of London (SOAS)		PI	11/1/2019	0.91	0.00%	100%	\$12,458	Pending
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Chelliah, S. , PI; Palmer, A. , Co-PI; Linguistics

19-0234 Proposal: New	Triggers for Differential Marking:testing definitions and predictions through native-speaker input	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	3.91	48.50%	75%	\$362,487	Pending
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Totals for **Chelliah, Shobhana** **\$374,945**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Palmer, Alexis											
<i>Palmer, A. , Co-PI; Chelliah, S. , PI; Linguistics</i>											
19-0234 Proposal: New	Triggers for Differential Marking:testing definitions and predictions through native-speaker input	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2019	3.91	48.50%	25%	\$120,829	Pending
		Totals for	Palmer, Alexis							\$120,829	
		Totals for	Linguistics							\$495,774	
		Totals for	College of Information							\$695,770	
College of Liberal Arts & Social Sciences											
Geography											
Tiwari, Chetan											
<i>Tiwari, C. , Co-PI; Geography; Mikler, A. , PI; Ramisetty-Mikler, S. , Co-PI; Ludi, S. , Co-PI; Computer Science & Engineering; O'Neill, M. , Co-PI; Institute of Applied Sciences</i>											
19-0076 Proposal: New	Data-Driven Response Planning for Reducing Access Disparities during Bio-Emergencies	Research - Basic	National Institutes of Health - NIH	Federal Flow Thru	Co-PI	9/1/2019	3.91	48.50%	15%	\$213,501	Pending
<i>Tiwari, C. , Co-PI; Geography; Collins, B. , PI; Keyes, L. , Co-PI; Public Administration</i>											
19-0213 Proposal: New	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research - Basic	City of San Antonio	Federal Flow Thru	Co-PI	2/18/2019	1	8.76%	0%	\$0	Pending
		Totals for	Tiwari, Chetan							\$213,501	
		Totals for	Geography							\$213,501	
Psychology											
Hook, Joshua											
19-0219 Proposal: New	Using Intellectual Humility to Navigate Existential Issues	Research - Basic	Hope College	Foundation Flow Thru	PI	7/1/2019	1.91	15.00%	100%	\$41,367	Pending
		Totals for	Hook, Joshua							\$41,367	
Riggs, Shelley											
19-0280 Proposal: New	Veteran Parenting Program	Research - Basic	U.S. Department of Veterans Affairs	Federal	PI	2/1/2019	0.5	0.00%	100%	\$27,376	Awarded

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Riggs, Shelley							\$27,376	
Taylor, Daniel											
19-0245 Proposal: New	Evidence-Based Military Appropriate Sleep Practices	Research - Applied	U.S. Department of Defense - DOD	Federal	PI	9/1/2019	4.91	48.50%	100%	\$604,824	Pending
		Totals for	Taylor, Daniel							\$604,824	
		Totals for	Psychology							\$673,567	

Technical Communication

Frith, Jordan

19-0135 Proposal: New	From the Bleeding Edge to the Mark of the Beast: Exploring Subcutaneous RFID Implantation	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2019	1.91	48.50%	100%	\$139,267	Pending
		Totals for	Frith, Jordan							\$139,267	
		Totals for	Technical Communication							\$139,267	
		Totals for	College of Liberal Arts & Social Sciences							\$1,026,335	

College of Merchandising Hospitality and Tourism

Hospitality & Tourism

KC, Birendra

19-0244 Proposal: New	Assessing communication ecosystem to promote successful conservation efforts in Protected Areas	Research - Applied	National Geographic Society	Not for Profit	PI	7/10/2019	1	0.00%	100%	\$29,874	Pending
		Totals for	KC, Birendra							\$29,874	
		Totals for	Hospitality & Tourism							\$29,874	
		Totals for	College of Merchandising Hospitality and Tourism							\$29,874	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
College of Music												
Instrumental Studies												
Chesky, Kris												
19-0303 Proposal: New	Musician Musculoskeletal Injuries and Osteopathic Impact on Musician Function	Research - Applied	University of North Texas Health Science at Fort Worth	Industry Flow Thru	PI	9/1/2019	1.91	0.00%	100%	\$38,958	Pending	
		Totals for	Chesky, Kris								\$38,958	
		Totals for	Instrumental Studies								\$38,958	
		Totals for	College of Music								\$38,958	
College of Science												
Biological Sciences												
Ayre, Brian												
<i>Ayre, B. , PI; McGarry, R. , Co-PI; Biological Sciences</i>												
19-0243 Proposal: New	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research - Basic	Cotton Incorporated	Not for Profit	PI	1/1/2019	0.91	15.00%	50%	\$25,000	Awarded	
		Totals for	Ayre, Brian								\$25,000	
Burggren, Warren												
<i>Burggren, W. , Co-PI; Dubansky, B. , PI; Biological Sciences</i>												
19-0173 Proposal: New	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research - Applied	World Precision Instruments, Inc.	Industry	Co-PI	1/31/2019	1	48.50%	50%	\$25,000	Awarded	
		Totals for	Burggren, Warren								\$25,000	
Chapman, Kent												
19-0264 Proposal: New	Engineering Seed Value in Cotton	Research - Basic	Cotton Incorporated	Not for Profit	PI	1/1/2019	0.91	15.00%	100%	\$55,000	Awarded	
19-0289 Proposal: Supplement	Embryogenic Cell Culture Screening System for Herbicide Tolerance	Research - Applied	BASF Plant Science, LP	Industry	PI	3/1/2019	0.41	48.50%	100%	\$73,281	Awarded	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	Chapman, Kent						\$128,281	
Dixon, Richard											
19-0310 Proposal: Supplement	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research - Basic	Forage Genetics International	Industry	PI	6/1/2019	0.91	33.00%	100%	\$150,000	Pending
			Totals for	Dixon, Richard						\$150,000	
Dubansky, Benjamin											
<i>Dubansky, B. , PI; Burggren, W. , Co-PI; Biological Sciences</i>											
19-0173 Proposal: New	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research - Applied	World Precision Instruments, Inc.	Industry	PI	1/31/2019	1	48.50%	50%	\$25,000	Awarded
			Totals for	Dubansky, Benjamin						\$25,000	
Lund, Amie											
<i>Lund, A. , Co-PI; Biological Sciences; Yang, Y. , PI; Biomedical Engineering</i>											
19-0288 Proposal: New	Engineering Blood-Tumor Barrier Chips (BTB Chips) for Breast Cancer Brain Metastases	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	Co-PI	8/31/2019	2	5.26%	30%	\$90,000	Pending
			Totals for	Lund, Amie						\$90,000	
McGarry, Roisin											
<i>McGarry, R. , Co-PI; Ayre, B. , PI; Biological Sciences</i>											
19-0243 Proposal: New	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research - Basic	Cotton Incorporated	Not for Profit	Co-PI	1/1/2019	0.91	15.00%	50%	\$25,000	Awarded
			Totals for	McGarry, Roisin						\$25,000	
Verbeck, Guido											
<i>Verbeck, G. , Co-PI; Biological Sciences; Verbeck, G. , PI; Chemistry</i>											
19-0261 Proposal: New	Characterize Peptides and Material for Novel Foam Construct	Research - Applied	United Results Capital Group Inc.	Industry	Co-PI	1/15/2019	0.33	48.50%	30%	\$13,148	Awarded

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<i>Verbeck, G. , Co-PI; Biological Sciences; Verbeck, G. , PI; Chemistry</i>												
19-0265 Proposal: New	Silver nanoparticle sorting and deposition gun-coupled to Femtosecond laser for development of cervical cancer reduction	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	Co-PI	6/1/2019	1.91	5.26%	30%	\$89,730	Pending	
		Totals for	Verbeck, Guido								\$102,878	
		Totals for	Biological Sciences								\$571,159	

Chemistry

Cundari, Thomas

19-0137 Proposal: New	Hydric Activation of Light Alkanes	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	100%	\$195,000	Pending	
		Totals for	Cundari, Thomas								\$195,000	

D'souza, Francis

D'souza, F. , Co-PI; Chemistry; Neogi, A. , PI; Physics; D'souza, F. , Co-PI; Materials Science & Engineering; Choi, T. , Co-PI; Mechanical & Energy Engineering

19-0249 Proposal: New	MRI: Instrument Acquisition: Attosecond laser amplifier with confocal microscope system for multi-functional diagnostics	Research - Development	National Science Foundation - Federal NSF		Co-PI	9/1/2019	2	0.00%	26.4%	\$190,911	Pending
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D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering

19-0273 Proposal: New	Syntheses and Studies of Photosensitizer Functionalized Transition Metal Dichalcogenides	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	80%	\$156,000	Pending	
		Totals for	D'souza, Francis								\$346,911	

Golden, Teresa

19-0229 Proposal: New	Environmentally Friendly Functionalization of Nanoparticles for Tuning Properties of Electrodeposited Composites	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	100%	\$195,000	Pending	
		Totals for	Golden, Teresa								\$195,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Kelber, Jeffry											
19-0159 Proposal: New	Site-selective Cobalt Oxide-based Nanocatalysts	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	100%	\$195,000	Pending
			Totals for	Kelber, Jeffry						\$195,000	
Verbeck, Guido											
<i>Verbeck, G. , PI; Chemistry; Verbeck, G. , Co-PI; Biological Sciences</i>											
19-0261 Proposal: New	Characterize Peptides and Material for Novel Foam Construct	Research - Applied	United Results Capital Group Inc.	Industry	PI	1/15/2019	0.33	48.50%	70%	\$30,680	Awarded
<i>Verbeck, G. , PI; Chemistry; Verbeck, G. , Co-PI; Biological Sciences</i>											
19-0265 Proposal: New	Silver nanoparticle sorting and deposition gun-coupled to Femtosecond laser for development of cervical cancer reduction	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	6/1/2019	1.91	5.26%	70%	\$209,370	Pending
			Totals for	Verbeck, Guido						\$240,050	
Wang, Hong											
19-0302 Proposal: New	Bimetallic Complexes Based on Chiral Phosphoric Acid: New Advances and Opportunities in Coordination Chemistry and Chemical Catalysis	Research - Development	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	100%	\$195,000	Pending
			Totals for	Wang, Hong						\$195,000	
			Totals for	Chemistry						\$1,366,961	
Institute of Applied Sciences											
O'Neill, Martin											
<i>O'Neill, M. , Co-PI; Institute of Applied Sciences; Mikler, A. , PI; Ramisetty-Mikler, S. , Co-PI; Ludi, S. , Co-PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography</i>											
19-0076 Proposal: New	Data-Driven Response Planning for Reducing Access Disparities during Bio-Emergencies	Research - Basic	National Institutes of Health - NIH	Federal Flow Thru	Co-PI	9/1/2019	3.91	48.50%	15%	\$213,501	Pending
			Totals for	O'Neill, Martin						\$213,501	
			Totals for	Institute of Applied Sciences						\$213,501	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Mathematics											
Allaart, Pieter											
19-0262 Proposal: New	Non-integer base expansions and multifractal analysis	Research - Basic	Simons Foundation	Foundation	PI	9/1/2019	4.91	20.00%	100%	\$42,000	Pending
		Totals for	Allaart, Pieter							\$42,000	
Iaia, Joseph											
19-0296 Proposal: New	Semilinear Equations on Exterior Domains	Research - Basic	Simons Foundation	Foundation	PI	9/1/2019	3.91	20.00%	100%	\$42,000	Pending
		Totals for	Iaia, Joseph							\$42,000	
Krueger, John											
19-0238 Proposal: New	Forcing and Consistency Results	Research - Basic	Simons Foundation	Foundation	PI	9/1/2019	4.91	20.00%	100%	\$42,000	Pending
		Totals for	Krueger, John							\$42,000	
Trang, Nam											
19-0308 Proposal: New	Descriptive Inner Model Theory and Its Applications	Research - Basic	Simons Foundation	Foundation	PI	9/1/2019	4.91	20.00%	100%	\$42,000	Pending
		Totals for	Trang, Nam							\$42,000	
		Totals for	Mathematics							\$168,000	

Physics

Andreussi, Oliviero

19-0293 Proposal: New	Modelling solvation-driven rare-events: from drug design to protein folding	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	2.91	0.00%	100%	\$195,000	Pending
		Totals for	Andreussi, Oliviero							\$195,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Glass, Gary											
19-0260 Proposal: New	MRI: The development of the next generation MeV Ion Nanoprobe for Irradiation and Microscopy in Atmosphere (MINIMA)	Research - Applied	University of Texas at Arlington	Federal Flow Thru	PI	9/1/2019	2.91	48.50%	100%	\$173,138	Pending
		Totals for	Glass, Gary							\$173,138	
Grigolini, Paolo											
19-0164 Proposal: New	Self-organized criticality: a new approach to chemical reactions	Research - Basic	Robert A. Welch Foundation	Not for Profit	PI	6/1/2019	0.91	0.00%	100%	\$195,000	Pending
		Totals for	Grigolini, Paolo							\$195,000	
Neogi, Arup											
<i>Neogi, A. , PI; Physics; D'souza, F. , Co-PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering; Choi, T. , Co-PI; Mechanical & Energy Engineering</i>											
19-0249 Proposal: New	MRI: Instrument Acquisition: Attosecond laser amplifier with confocal microscope system for multi-functional diagnostics	Research - Development	National Science Foundation - NSF	Federal	PI	9/1/2019	2	0.00%	57%	\$412,195	Pending
		Totals for	Neogi, Arup							\$412,195	
Rout, Bibhudutta											
<i>Rout, B. , PI; Physics; Chang, L. , Co-PI; Biomedical Engineering</i>											
19-0224 Proposal: New	Improving dose tolerance strategies in Cancer Patients by leveraging sensor networks in conjunction with radiotherapy treatment	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	8/31/2019	2	5.26%	50%	\$149,705	Pending
		Totals for	Rout, Bibhudutta							\$149,705	
		Totals for	Physics							\$1,125,037	
		Totals for	College of Science							\$3,444,658	

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 Visual Arts & Design
Design**

West, Ruth

19-0300 Proposal: New	AI-DCL: EAGER: Collaborative Research: Reducing the Dangers of Thinking of AI as Human: Training for Accurate Reasoning about Robots and Autonomous Systems	Research - Basic	National Science Foundation - Federal NSF		PI	6/15/2019	2	48.50%	100%	\$126,697	Pending
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Totals for	West, Ruth									\$126,697	
Totals for	Design									\$126,697	
Totals for	College of Visual Arts & Design									\$126,697	

President UNT

Research & Innovation

Tudor, Steven

Tudor, S. , Co-PI; Research & Innovation; Mukherjee, S. , PI; Materials Science & Engineering

19-0278 Proposal: Resubmissio	PFI-TT: Next Generation Fuel Cell Catalysts Based on Low-Cost and High-Performance Amorphous Metals	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2019	1.91	48.50%	0%	\$0	Pending
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Totals for	Tudor, Steven									\$0	
Totals for	Research & Innovation									\$0	
Totals for	President UNT									\$0	

Research & Innovation

Advanced Environmental Research Institute (AERI)

Lund, Amie

19-0268 Proposal: New	The role of the membrane androgen receptor complex in Alzheimer's disease.	Research - Basic	University of North Texas Health Science at Fort Worth	Not for Profit	PI	9/1/2019	4.91	48.50%	100%	\$322,144	Pending
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Totals for	Lund, Amie									\$322,144	
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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	
Roberts, Aaron												
19-0080 Proposal: New	Technical Support for Developing and Field Testing In Situ Bioassays in the Surface Mixing Layer of Marine Waters at Oil Spill Sites	Research - Applied	Abt Associates, Inc.	Federal Flow Thru	PI	3/1/2019	2.41	26.00%	100%	\$30,237	Pending	
		Totals for	Roberts, Aaron								\$30,237	
		Totals for	Advanced Environmental Research Institute (AERI)								\$352,381	
		Totals for	Research & Innovation								\$352,381	
		Totals for	UNT								\$14,582,799	
		Totals for	January FY2019:								\$14,582,799	