

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

Proposals Total by College	October 2018	October 2019	YTD FY2019	YTD FY2020
College of Business	\$ -	\$ 139,850	\$ -	\$ 258,441
College of Education	\$ 2,500	\$ 2,221,356	\$ 182,416	\$ 3,957,354
College of Engineering	\$ 9,451,614	\$ 739,798	\$ 15,777,089	\$ 4,091,455
College of Health & Public Service (prev. PACS)	\$ 641,760	\$ 196,331	\$ 641,760	\$ 2,056,516
College of Information	\$ 939,209	\$ 826,872	\$ 2,767,199	\$ 1,620,709
College of Liberal Arts & Social Sciences	\$ 845,651	\$ 13,032,735	\$ 3,756,444	\$ 13,363,739
College of Merchandising Hospitality and Tourism	\$ 38,615	\$ -	\$ 38,615	\$ 404,323
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ 9,279,655	\$ 21,992	\$ 14,485,800	\$ 3,747,140
College of Visual Arts and Design	\$ -	\$ -	\$ -	\$ -
School of Journalism	\$ -	\$ -	\$ 120,090	\$ -
Other ¹	\$ 518,079	\$ 545,831	\$ 1,042,631	\$ 860,122
Grand Total:	\$ 21,717,084	\$ 17,724,765	\$ 38,812,043	\$ 30,359,797

Proposals Total by Category	October 2018	October 2019	YTD FY2019	YTD FY2020
Instruction	\$ 1,059,660	\$ 220,833	\$ 1,122,408	\$ 220,833
Public Service	\$ -	\$ 133,544	\$ 425,630	\$ 733,544
Research (Applied, Basic, Development)	\$ 20,657,423	\$ 17,370,388	\$ 37,264,005	\$ 29,405,420
Other ²	\$ -	\$ -	\$ -	\$ -
Grand Total:	\$ 21,717,084	\$ 17,724,765	\$ 38,812,043	\$ 30,359,797

Proposals Total by Source of Funding	October 2018	October 2019	YTD FY2019	YTD FY2020
Federal	\$ 19,982,675	\$ 16,120,207	\$ 35,013,625	\$ 26,603,491
Private	\$ 1,734,408	\$ 1,558,926	\$ 3,589,707	\$ 3,110,674
State	\$ -	\$ 45,632	\$ 208,712	\$ 645,632
Grand Total:	\$ 21,717,084	\$ 17,724,765	\$ 38,812,043	\$ 30,359,797

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, Outreach & Community Involvement, and Research & Innovation

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, October FY2020

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
UNT												
College of Business												
Marketing & Logistics												
Niranjan, Suman												
20-0118 Proposal: Resubmissio	Social Determinants of Health and Microbiomes in Disparities in Breast Cancer and Diabetes in Black Belt of Southeastern US	Research - Applied	University of North Texas Health Science at Fort Worth	Federal Flow Thru	PI	7/1/2020	4.91	48.50%	100%	\$139,850	Declined	
		Totals for	Niranjan, Suman							\$139,850		
		Totals for	Marketing & Logistics							\$139,850		
		Totals for	College of Business							\$139,850		
College of Education												
Educational Psychology												
Allen, Carrie												
19-0655 Proposal: New	Investigating the Sustainability of STEM Schools with Equitable Missions	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2020	2.91	48.50%	100%	\$1,029,304	Declined	
		Totals for	Allen, Carrie							\$1,029,304		
Frosch, Cynthia												
20-0048 Proposal: Supplement	The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts	Research - Applied	The Trustees of Columbia University in the City of New York	Not for Profit Flow Thru	PI	5/14/2019	1	10.00%	100%	\$100,000	Pending	
		Totals for	Frosch, Cynthia							\$100,000		

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Middlemiss, Wendy											
19-0682 Proposal: New	DREAMS: A Step toward Eliminating Racial Disparities in Sleep-Related Infant Death	Research - Basic	Florida State University	Federal Flow Thru	PI	7/1/2020	4.91	48.50%	100%	\$564,699	Pending
		Totals for	Middlemiss, Wendy							\$564,699	
		Totals for	Educational Psychology							\$1,694,003	
Kinesiology, Health Promotion, & Recreation											
Colombo-Dougovito, Andrew											
18-0523 Proposal: New	PA3: Physical Activity in Autistic Adults	Research - Applied	National Institutes of Health - NIH	Federal	PI	7/1/2020	1.91	48.50%	100%	\$439,384	Pending
		Totals for	Colombo-Dougovito, Andrew							\$439,384	
Keller, M											
<i>Keller, M. , Co-PI; Zhang, T. , PI; Kinesiology, Health Promotion, & Recreation; Wang, X. , Co-PI; Mathematics</i>											
20-0049 Proposal: New	Recess Programming and Classroom Change (RePACC) for Movement and Academic Behavior Promotion among Young Children	Research - Applied	University of Texas at Arlington	Federal Flow Thru	Co-PI	8/1/2020	2.91	48.50%	20%	\$21,992	Pending
		Totals for	Keller, M							\$21,992	
Zhang, Tao											
<i>Zhang, T. , PI; Keller, M. , Co-PI; Kinesiology, Health Promotion, & Recreation; Wang, X. , Co-PI; Mathematics</i>											
20-0049 Proposal: New	Recess Programming and Classroom Change (RePACC) for Movement and Academic Behavior Promotion among Young Children	Research - Applied	University of Texas at Arlington	Federal Flow Thru	PI	8/1/2020	2.91	48.50%	60%	\$65,977	Pending
		Totals for	Zhang, Tao							\$65,977	
		Totals for	Kinesiology, Health Promotion, & Recreation							\$527,353	
		Totals for	College of Education							\$2,221,356	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Engineering											
Biomedical Engineering											
Vaidyanathan, Vijay											
<i>Vaidyanathan, V. , PI; Biomedical Engineering; Young, M. , Co-PI; Materials Science & Engineering</i>											
20-0091 Proposal: New	Novel surface-modified bioresorbable zinc-based stent materials	Research - Applied	Stony Brook University	Federal Flow Thru	PI	10/1/2019	0.58	48.50%	50%	\$15,718	Pending
		Totals for	Vaidyanathan, Vijay							\$15,718	
Yang, Yong											
20-0109 Proposal: New	Biomimicking Cardiac Microenvironment Models for Myocardial Infarction Therapy	Research - Applied	University of Texas at Arlington	Federal Flow Thru	PI	8/1/2020	2.91	48.50%	100%	\$182,577	Pending
		Totals for	Yang, Yong							\$182,577	
		Totals for	Biomedical Engineering							\$198,295	
Computer Science & Engineering											
Bryce, Renee											
<i>Bryce, R. , PI; Pottathuparambil, R. , Co-PI; Computer Science & Engineering</i>											
20-0089 Proposal: New	North Texas Coding Academy	Public Service	Texas Workforce Commission	Federal Flow Thru	PI	3/1/2020	0.75	0.00%	75%	\$65,934	Declined
		Totals for	Bryce, Renee							\$65,934	
Mohanty, Saraju											
<i>Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Electrical Engineering</i>											
20-0077 Proposal: New	Responsive and circadian control of seizures	Research - Applied	Yale University	Federal Flow Thru	PI	7/1/2020	1.91	48.50%	60%	\$115,193	Pending
		Totals for	Mohanty, Saraju							\$115,193	
Nielsen, Rodney											
20-0128 Proposal: New	Visuomotor integration and attention in Autism Spectrum Disorder	Research - Development	University of North Texas Health Science at Fort Worth	Federal Flow Thru	PI	9/1/2019	0.58	8.00%	100%	\$17,500	Awarded
		Totals for	Nielsen, Rodney							\$17,500	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Pottathuparambil, Robin											
<i>Pottathuparambil, R. , Co-PI; Bryce, R. , PI; Computer Science & Engineering</i>											
20-0089 Proposal: New	North Texas Coding Academy	Public Service	Texas Workforce Commission	Federal Flow Thru	Co-PI	3/1/2020	0.75	0.00%	25%	\$21,978	Declined
Totals for			Pottathuparambil, Robin							\$21,978	
Ramisetty-Mikler, Suhasini											
20-0126 Proposal: New	An Evaluation of the FOCUS Program: Parent-Child and Co-Parenting Relationships among Families involved in Child Welfare	Research - Applied	NewDay Services For Children & Families	Foundation Flow Thru	PI	2/1/2020	0.91	0.00%	100%	\$12,654	Pending
Totals for			Ramisetty-Mikler, Suhasini							\$12,654	
Totals for			Computer Science & Engineering							\$233,259	
Electrical Engineering											
Kougianos, Elias											
<i>Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , PI; Computer Science & Engineering</i>											
20-0077 Proposal: New	Responsive and circadian control of seizures	Research - Applied	Yale University	Federal Flow Thru	Co-PI	7/1/2020	1.91	48.50%	40%	\$76,795	Pending
Totals for			Kougianos, Elias							\$76,795	
Mahbub, Ifana											
20-0131 Proposal: New	Permanent Cardiac Pacemaker	Research - Basic	United States-India Science & Technology Endowment Fund (USISTEF)	Federal Flow Thru	PI	5/1/2020	2.91	48.50%	100%	\$110,729	Pending
Totals for			Mahbub, Ifana							\$110,729	
Totals for			Electrical Engineering							\$187,524	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Materials Science & Engineering											
Young, Marcus											
19-0620 Proposal: New	Development and Mechanical Testing of Low Hysteresis Shape Memory Alloys	Research - Applied	The Boeing Company	Industry	PI	9/1/2019	0.91	26.00%	100%	\$90,001	Pending
<i>Young, M. , Co-PI; Materials Science & Engineering; Vaidyanathan, V. , PI; Biomedical Engineering</i>											
20-0091 Proposal: New	Novel surface-modified bioresorbable zinc-based stent materials	Research - Applied	Stony Brook University	Federal Flow Thru	Co-PI	10/1/2019	0.58	48.50%	50%	\$15,718	Pending
Totals for Young, Marcus										\$105,719	
Totals for Materials Science & Engineering										\$105,719	
Mechanical & Energy Engineering											
Zhang, Haifeng											
20-0117 Proposal: New	Export Controlled at Award - Title removed	Research - Applied	InertialWave Inc.	Federal Flow Thru	PI	1/1/2020	0.91	48.50%	100%	\$15,001	Pending
Totals for Zhang, Haifeng										\$15,001	
Totals for Mechanical & Energy Engineering										\$15,001	
Totals for College of Engineering										\$739,798	
College of Health & Public Service											
Emergency Management & Disaster Science											
Schumann, Ronald											
19-0562 Proposal: New	Collaborative Research: The Dynamics of Place Attachment in Residential Adjustment: An explanatory, embedded case study approach following the 2017-18 California wildfires	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	100%	\$161,331	Pending
Totals for Schumann, Ronald										\$161,331	
Totals for Emergency Management & Disaster Science										\$161,331	

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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Public Administration

Bland, Robert

Bland, R. , PI; Shi, Y. , Co-PI; Hutson, N. , Co-PI; Public Administration

20-0146 Proposal: New	China's Strategy for Infrastructure-driven Development: Does the Aggressive Use of Provincial Debt Create Regional Economic Convergence?	Research - Basic	Lincoln Institute for Land Policy	Not for Profit	PI	1/20/2020	1.41	0.00%	34%	\$11,900	Pending
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Totals for **Bland, Robert** **\$11,900**

Hutson, Nathan

Hutson, N. , Co-PI; Bland, R. , PI; Shi, Y. , Co-PI; Public Administration

20-0146 Proposal: New	China's Strategy for Infrastructure-driven Development: Does the Aggressive Use of Provincial Debt Create Regional Economic Convergence?	Research - Basic	Lincoln Institute for Land Policy	Not for Profit	Co-PI	1/20/2020	1.41	0.00%	33%	\$11,550	Pending
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Totals for **Hutson, Nathan** **\$11,550**

Shi, Yu

Shi, Y. , Co-PI; Bland, R. , PI; Hutson, N. , Co-PI; Public Administration

20-0146 Proposal: New	China's Strategy for Infrastructure-driven Development: Does the Aggressive Use of Provincial Debt Create Regional Economic Convergence?	Research - Basic	Lincoln Institute for Land Policy	Not for Profit	Co-PI	1/20/2020	1.41	0.00%	33%	\$11,550	Pending
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Totals for **Shi, Yu** **\$11,550**

Totals for **Public Administration** **\$35,000**

Totals for **College of Health & Public Service** **\$196,331**

College of Information

Learning Technologies

Parsons, Thomas

20-0040 Proposal: New	Driving performance and cognitive change in continuum of cognitively normal, mild cognitive impairment, and dementia	Research - Applied	Louisiana State University Pennington	Federal Flow Thru	PI	7/1/2020	4.91	48.50%	100%	\$826,872	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	Parsons, Thomas							\$826,872	
		Totals for	Learning Technologies							\$826,872	
		Totals for	College of Information							\$826,872	

College of Liberal Arts & Social Sciences

Anthropology

Dunstan, Adam

20-0070 Proposal: New	Holy Ground - Conceptualizations and Experiences of the Sacred Grove and Hill Cumorah	Research - Basic	Brigham Young University	Not for Profit	PI	5/1/2020	0.25	26.00%	100%	\$20,682	Pending
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Totals for	Dunstan, Adam									\$20,682	
Totals for	Anthropology									\$20,682	

Applied Arts & Sciences

Fulton, Kara

20-0088 Proposal: New	Microartifact Analysis as a Tool to Explore the Use of Maya Palaces	Research - Basic	National Geographic Society	Not for Profit	PI	4/16/2020	1	0.00%	100%	\$9,044	Pending
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Totals for	Fulton, Kara									\$9,044	
Totals for	Applied Arts & Sciences									\$9,044	

Behavior Analysis

Dracobly, Joseph

20-0010 Proposal: New	Behavior Analysis Resource Center: Positive Behavior Management and Support Workshop	Public Service	Texas Health and Human Services Commission	State of TX	PI	3/1/2020	0.41	26.00%	100%	\$45,632	Awarded
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Totals for	Dracobly, Joseph									\$45,632	
Totals for	Behavior Analysis									\$45,632	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Biological Sciences											
Antunes, Mauricio											
19-0679 Proposal: New	Early detection of pathogen infection using endogenous plant microRNA signatures	Research - Applied	National Science Foundation - Federal NSF		PI	4/1/2020	3.91	48.50%	100%	\$1,005,122	Declined
Totals for										Antunes, Mauricio	\$1,005,122
Dubansky, Benjamin											
<i>Dubansky, B. , PI; Biological Sciences; Neogi, A. , Co-PI; Physics</i>											
20-0076 Proposal: New	Detection of tissue remodeling signatures prior to heterotopic ossification using novel next generation ultrasonic technology.	Research - Development	University of Pennsylvania	Research Institution	PI	2/1/2020	0.91	10.00%	50%	\$20,102	Pending
Totals for										Dubansky, Benjamin	\$20,102
Liu, Chenggang											
20-0058 Proposal: New	Altering the proanthocyanidin profiles of under-utilized cereals and legumes toward improving their protein utilization efficiencies	Research - Basic	Foundation for Food and Agriculture Research	Not for Profit	PI	5/1/2020	2.91	11.11%	100%	\$536,742	Pending
Totals for										Liu, Chenggang	\$536,742
Tam, Nicoladie											
<i>Tam, N. , Co-PI; Biological Sciences; Zhang, T. , PI; Jackson, A. , Co-PI; Kinesiology, Health Promotion, & Recreation; Hull, D. , Co-PI; Educational Psychology</i>											
20-0099 Proposal: Resubmissio	Effects of Different Doses of Physical Activity on Underserved Children's Cognition and Health	Research - Applied	National Institutes of Health - Federal NIH		Co-PI	8/1/2020	2.91	48.50%	30%	\$138,023	Pending
Totals for										Tam, Nicoladie	\$138,023
Verbeck, Guido											
<i>Verbeck, G. , Co-PI; Biological Sciences; Verbeck, G. , PI; Chemistry</i>											
20-0111 Proposal: New	Establishment of the LaCore Research Facility	Research - Applied	LaCore Labs, Inc.	Industry	Co-PI	11/1/2019	4.91	26.00%	30%	\$145,108	Awarded

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Verbeck, Guido							\$145,108	
Wang, Xiaoqiang											
20-0065 Proposal: New	Engineering plant UGT to attenuate irinotecan-induced severe and delayed onset diarrhea	Research - Basic	National Institutes of Health - NIH	Federal	PI	8/1/2020	2.91	48.50%	100%	\$462,350	Pending
		Totals for	Wang, Xiaoqiang							\$462,350	
		Totals for	Biological Sciences							\$2,307,446	
Biomedical Engineering											
Meckes, Brian											
20-0057 Proposal: New	Combinatorial Systems for Examining the Role of Cell Heterojunctions in Cartilage Degeneration	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2020	1.91	48.50%	100%	\$377,330	Pending
		Totals for	Meckes, Brian							\$377,330	
		Totals for	Biomedical Engineering							\$377,330	
Chemistry											
Cundari, Thomas											
<i>Cundari, T. , Co-PI; Kelber, J. , PI; Chemistry</i>											
20-0017 Proposal: New	Tailoring the Surface Chemistry of Earth-Abundant Metal Oxynitrides: Theory and Experiment	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/1/2020	2.91	48.50%	50%	\$224,835	Pending
<i>Cundari, T. , Co-PI; Wang, H. , PI; Chemistry</i>											
20-0064 Proposal: New	Asymmetric [3+2] and [4+3] Cycloadditions through Cooperative Enamine-Hard Metal Lewis Acid Catalysis	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	7/1/2020	3.91	48.50%	50%	\$727,922	Pending
		Totals for	Cundari, Thomas							\$952,757	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
D'souza, Francis												
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>												
20-0011 Proposal: New	Near-IR Absorbing Intramolecular Charge Transfer (CT) Complexes: Syntheses, Symmetry-Breaking CT, and CT Reversal by External Stimuli	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	80%	\$323,413	Pending	
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>												
20-0012 Proposal: New	Transition Metal Dichalcogenide-Photosensitizer Hybrids	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	80%	\$326,977	Declined	
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>												
20-0086 Proposal: Resubmissio	Advanced Energy Materials from Photosensitizer Functionalized Transition Metal Dichalcogenides	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	9/1/2020	2.91	48.50%	80%	\$471,481	Declined	
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>												
20-0087 Proposal: New	Panchromatic Charge Transfer (CT) Complexes: Symmetry Breaking and External Stimuli Promoted Reversal of CT	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	9/1/2020	2.91	48.50%	80%	\$414,956	Pending	
										Totals for	D'souza, Francis	\$1,536,826
Kelber, Jeffrey												
19-0683 Proposal: New	GOALI: Collaborative Research: Photo-induced Chemistry at Halide-Modified Si(100): A practical route to atomic scale devices for quantum computation	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	100%	\$262,177	Declined	
<i>Kelber, J. , PI; Cundari, T. , Co-PI; Chemistry</i>												
20-0017 Proposal: New	Tailoring the Surface Chemistry of Earth-Abundant Metal Oxynitrides: Theory and Experiment	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	50%	\$224,835	Pending	
										Totals for	Kelber, Jeffrey	\$487,012

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Omary, Mohammad											
20-0006 Proposal: New	Supramolecular Interactions with Covalent Bonding Strength	Research - Basic	National Science Foundation - Federal NSF		PI	8/1/2020	2.91	48.50%	100%	\$486,897	Pending
		Totals for	Omary, Mohammad							\$486,897	
Verbeck, Guido											
<i>Verbeck, G. , PI; Chemistry; Verbeck, G. , Co-PI; Biological Sciences</i>											
20-0111 Proposal: New	Establishment of the LaCore Research Facility	Research - Applied	LaCore Labs, Inc.	Industry	PI	11/1/2019	4.91	26.00%	70%	\$338,585	Awarded
		Totals for	Verbeck, Guido							\$338,585	
Wang, Hong											
<i>Wang, H. , PI; Cundari, T. , Co-PI; Chemistry</i>											
20-0064 Proposal: New	Asymmetric [3+2] and [4+3] Cycloadditions through Cooperative Enamine-Hard Metal Lewis Acid Catalysis	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2020	3.91	48.50%	50%	\$727,922	Pending
		Totals for	Wang, Hong							\$727,922	
		Totals for	Chemistry							\$4,530,000	
Computer Science & Engineering											
Fu, Song											
20-0072 Proposal: New	University of North Texas GenCyber Academy	Instruction	National Security Agency - NSA	Federal	PI	3/1/2020	0.91	48.00%	100%	\$79,277	Awarded
		Totals for	Fu, Song							\$79,277	
Guo, Xuan											
20-0053 Proposal: New	Deep Learning for Real-time Protein Identification in Metaproteome	Research - Basic	National Institutes of Health - NIH	Federal	PI	5/1/2020	1.91	48.50%	100%	\$404,485	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Guo, X. , PI; Mikler, A. , Co-PI; Computer Science & Engineering</i>											
20-0105 Proposal: New	A Computational Framework for Protein Identification and Quantification in Metaproteomics Using Data-Independent Acquisition	Research - Basic	National Institutes of Health - NIH	Federal	PI	6/1/2020	2.5	48.50%	60%	\$258,820	Pending
<i>Guo, X. , Co-PI; Computer Science & Engineering; Wang, X. , PI; Liu, J. , Co-PI; Mathematics</i>											
20-0107 Proposal: New	Novel Methodological Strategies in Genetic Discovery and Risk Prediction for Schizophrenia	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	9/1/2020	2.91	48.50%	5%	\$22,275	Pending
			Totals for	Guo, Xuan						\$685,580	
He, Yanyan											
<i>He, Y. , Co-PI; Computer Science & Engineering; He, Y. , PI; Mathematics</i>											
19-0690 Proposal: New	Radiation Therapy Uncertainty and Sensitivity Analyses for Precision Medicine	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	7/15/2020	3	48.50%	40%	\$154,992	Pending
			Totals for	He, Yanyan						\$154,992	
Mikler, Armin											
<i>Mikler, A. , Co-PI; Guo, X. , PI; Computer Science & Engineering</i>											
20-0105 Proposal: New	A Computational Framework for Protein Identification and Quantification in Metaproteomics Using Data-Independent Acquisition	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	6/1/2020	2.5	48.50%	40%	\$172,547	Pending
			Totals for	Mikler, Armin						\$172,547	
Pottathuparambil, Robin											
<i>Pottathuparambil, R. , PI; Computer Science & Engineering; Gafford, L. , Co-PI; Disability & Addiction Rehabilitation</i>											
19-0688 Proposal: New	Deep Learning for Internet of Things (DL-IoT) and Soft Skills Curriculum & Training for Students with Disabilities	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2020	2.91	48.50%	70%	\$419,679	Declined
			Totals for	Pottathuparambil, Robin						\$419,679	
			Totals for	Computer Science & Engineering						\$1,512,076	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Criminal Justice</i>											
Zettler, Haley											
19-0689 Proposal: New	Denton County Drug Court Narrative	Research - Basic	Denton County	Local Govt	PI	10/1/2019	0.41	48.50%	100%	\$3,959	Pending
Totals for Zettler, Haley										\$3,959	
Totals for Criminal Justice										\$3,959	
<i>Disability & Addiction Rehabilitation</i>											
Gafford, Lucy											
<i>Gafford, L. , Co-PI; Disability & Addiction Rehabilitation; Pottathuparambil, R. , PI; Computer Science & Engineering</i>											
19-0688 Proposal: New	Deep Learning for Internet of Things (DL-IoT) and Soft Skills Curriculum & Training for Students with Disabilities	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	30%	\$179,863	Declined
Totals for Gafford, Lucy										\$179,863	
Totals for Disability & Addiction Rehabilitation										\$179,863	
<i>Educational Psychology</i>											
Hull, Darrell											
<i>Hull, D. , Co-PI; Educational Psychology; Zhang, T. , PI; Jackson, A. , Co-PI; Kinesiology, Health Promotion, & Recreation; Tam, N. , Co-PI; Biological Sciences</i>											
20-0099 Proposal: Resubmissio	Effects of Different Doses of Physical Activity on Underserved Children's Cognition and Health	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	8/1/2020	2.91	48.50%	10%	\$46,008	Pending
Totals for Hull, Darrell										\$46,008	
Totals for Educational Psychology										\$46,008	
<i>Electrical Engineering</i>											
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Electrical Engineering; Cui, J. , PI; Lin, Y. , Co-PI; Physics</i>											
20-0042 Proposal: New	Collaborative Research: Machine Learning Assisted Mechanism Study of Novel Aluminum Doping in Graphene	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	12.5%	\$45,764	Declined
Totals for Lin, Yuankun										\$45,764	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Mahbub, Ifana											
20-0062 Proposal: New	Collaborative Research: Fully Integrated Low-Power Machine Learning-On-Chip for Predicting Respiratory Diseases	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	100%	\$197,945	Pending
		Totals for	Mahbub, Ifana							\$197,945	
		Totals for	Electrical Engineering							\$243,709	
Emergency Management & Disaster Science											
Wu, Hao-che											
20-0025 Proposal: Transfer (PI)	RAPID/Collaborative Research: Households Immediate Response During a Night Time Earthquake	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2019	0.66	48.50%	100%	\$12,201	Awarded
		Totals for	Wu, Hao-che							\$12,201	
		Totals for	Emergency Management & Disaster Science							\$12,201	
Engineering Technology											
Yu, Cheng											
20-0078 Proposal: New	Experimental and Finite Element Studies of Cold-Formed Steel Joists with Edge-Stiffened Web Openings	Research - Applied	American Iron and Steel Institute	Not for Profit	PI	6/1/2020	0.91	48.50%	100%	\$10,000	Pending
20-0100 Proposal: New	Equivalent Section Properties of Cold-Formed Steel Members	Research - Applied	Hilti Inc.	Industry	PI	11/1/2019	0.5	48.50%	100%	\$20,043	Awarded
20-0137 Proposal: New	Survey Equipment for CNET Program	Instruction	TEXO Foundation	Not for Profit	PI	6/1/2020	0.91	0.00%	100%	\$12,000	Pending
		Totals for	Yu, Cheng							\$42,043	
		Totals for	Engineering Technology							\$42,043	

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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Kinesiology, Health Promotion, & Recreation

Jackson, Allen

Jackson, A. , Co-PI; Zhang, T. , PI; Kinesiology, Health Promotion, & Recreation; Hull, D. , Co-PI; Educational Psychology; Tam, N. , Co-PI; Biological Sciences

20-0099 Proposal: Resubmissio	Effects of Different Doses of Physical Activity on Underserved Children's Cognition and Health	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	8/1/2020	2.91	48.50%	10%	\$46,008	Pending
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Totals for **Jackson, Allen** **\$46,008**

Zhang, Tao

Zhang, T. , PI; Jackson, A. , Co-PI; Kinesiology, Health Promotion, & Recreation; Hull, D. , Co-PI; Educational Psychology; Tam, N. , Co-PI; Biological Sciences

20-0099 Proposal: Resubmissio	Effects of Different Doses of Physical Activity on Underserved Children's Cognition and Health	Research - Applied	National Institutes of Health - NIH	Federal	PI	8/1/2020	2.91	48.50%	50%	\$230,038	Pending
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Totals for **Zhang, Tao** **\$230,038**

Totals for **Kinesiology, Health Promotion, & Recreation** **\$276,046**

Logistics Systems Institute (LSI)

Sauser, Brian

Sauser, B. , PI; Logistics Systems Institute (LSI); Niranjan, S. , Co-PI; Marketing & Logistics

20-0115 Proposal: Supplement	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research - Development	StratiFi Health	Industry	PI	10/15/2019	1	26.00%	50%	\$2,499	Awarded
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Totals for **Sauser, Brian** **\$2,499**

Totals for **Logistics Systems Institute (LSI)** **\$2,499**

Marketing & Logistics

Niranjan, Suman

Niranjan, S. , Co-PI; Marketing & Logistics; Sauser, B. , PI; Logistics Systems Institute (LSI)

20-0115 Proposal: Supplement	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research - Development	StratiFi Health	Industry	Co-PI	10/15/2019	1	26.00%	50%	\$2,499	Awarded
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Totals for **Niranjan, Suman** **\$2,499**

Totals for **Marketing & Logistics** **\$2,499**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Materials Science & Engineering											
Berman, Diana											
20-0068 Proposal: New	Control of micelle opening and inorganic material infiltration in amphiphilic polymer membranes towards the design of mechanically stable organic-inorganic hybrids	Research - Basic	American Chemical Society	Not for Profit	PI	9/1/2020	1.91	0.00%	100%	\$110,000	Pending
Totals for Berman, Diana										\$110,000	
D'souza, Francis											
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
20-0011 Proposal: New	Near-IR Absorbing Intramolecular Charge Transfer (CT) Complexes: Syntheses, Symmetry-Breaking CT, and CT Reversal by External Stimuli	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2020	2.91	48.50%	20%	\$80,853	Pending
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
20-0012 Proposal: New	Transition Metal Dichalcogenide-Photosensitizer Hybrids	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2020	2.91	48.50%	20%	\$81,744	Declined
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
20-0086 Proposal: Resubmissio	Advanced Energy Materials from Photosensitizer Functionalized Transition Metal Dichalcogenides	Research - Basic	U.S. Department of Energy - Federal DOE		Co-PI	9/1/2020	2.91	48.50%	20%	\$117,870	Declined
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
20-0087 Proposal: New	Panchromatic Charge Transfer (CT) Complexes: Symmetry Breaking and External Stimuli Promoted Reversal of CT	Research - Basic	U.S. Department of Energy - Federal DOE		Co-PI	9/1/2020	2.91	48.50%	20%	\$103,739	Pending
Totals for D'souza, Francis										\$384,207	
Totals for Materials Science & Engineering										\$494,207	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Mathematics											
He, Yanyan											
<i>He, Y. , PI; Mathematics; He, Y. , Co-PI; Computer Science & Engineering</i>											
19-0690 Proposal: New	Radiation Therapy Uncertainty and Sensitivity Analyses for Precision Medicine	Research - Applied	National Institutes of Health - NIH	Federal	PI	7/15/2020	3	48.50%	60%	\$232,489	Pending
Totals for He, Yanyan										\$232,489	
Liu, Jianguo											
<i>Liu, J. , Co-PI; Wang, X. , PI; Mathematics; Guo, X. , Co-PI; Computer Science & Engineering</i>											
20-0107 Proposal: New	Novel Methodological Strategies in Genetic Discovery and Risk Prediction for Schizophrenia	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	9/1/2020	2.91	48.50%	15%	\$66,825	Pending
Totals for Liu, Jianguo										\$66,825	
Wang, Xuexia											
<i>Wang, X. , PI; Liu, J. , Co-PI; Mathematics; Guo, X. , Co-PI; Computer Science & Engineering</i>											
20-0107 Proposal: New	Novel Methodological Strategies in Genetic Discovery and Risk Prediction for Schizophrenia	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2020	2.91	48.50%	80%	\$356,400	Pending
Totals for Wang, Xuexia										\$356,400	
Totals for Mathematics										\$655,714	
Merch & Digital Retailing											
Xu, Bugao											
20-0129 Proposal: New	Dual-beard Fibrography for Cotton Length Distribution Measurement	Research - Applied	Cotton Incorporated	Not for Profit	PI	1/1/2020	0.91	15.00%	100%	\$30,000	Awarded
Totals for Xu, Bugao										\$30,000	
Totals for Merch & Digital Retailing										\$30,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Physics											
Cui, Jingbiao											
<i>Cui, J. , PI; Lin, Y. , Co-PI; Physics; Lin, Y. , Co-PI; Electrical Engineering</i>											
20-0042 Proposal: New	Collaborative Research: Machine Learning Assisted Mechanism Study of Novel Aluminum Doping in Graphene	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	50%	\$183,056	Declined
		Totals for	Cui, Jingbiao							\$183,056	
Drachev, Vladimir											
<i>Drachev, V. , Co-PI; Rostovtsev, Y. , PI; Physics</i>											
20-0071 Proposal: New	From cooperative relaxation to quantum correlation and quantum control of collective states near meta- and nanomaterials	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2020	2.91	48.50%	50%	\$334,417	Pending
		Totals for	Drachev, Vladimir							\$334,417	
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Cui, J. , PI; Physics; Lin, Y. , Co-PI; Electrical Engineering</i>											
20-0042 Proposal: New	Collaborative Research: Machine Learning Assisted Mechanism Study of Novel Aluminum Doping in Graphene	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	37.5%	\$137,292	Declined
		Totals for	Lin, Yuankun							\$137,292	
Neogi, Arup											
<i>Neogi, A. , Co-PI; Physics; Dubansky, B. , PI; Biological Sciences</i>											
20-0076 Proposal: New	Detection of tissue remodeling signatures prior to heterotopic ossification using novel next generation ultrasonic technology.	Research - Development	University of Pennsylvania	Research Institution	Co-PI	2/1/2020	0.91	10.00%	50%	\$20,102	Pending
		Totals for	Neogi, Arup							\$20,102	
Ordonez, Carlos											
<i>Ordonez, C. , PI; Weathers, D. , Co-PI; Physics</i>											
20-0034 Proposal: New	Magnetic Plasma Confinement in a Predominantly Uniform Field by Using Magnetic Plasma Expulsion	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	50%	\$300,000	Declined

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Ordonez, Carlos							\$300,000	
Rostovtsev, Yuri											
<i>Rostovtsev, Y. , PI; Drachev, V. , Co-PI; Physics</i>											
20-0071	From cooperative relaxation to quantum correlation and quantum control of collective states near meta- and nanomaterials	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	50%	\$334,417	Pending
Proposal: New											
		Totals for	Rostovtsev, Yuri							\$334,417	
Weathers, Duncan											
<i>Weathers, D. , Co-PI; Ordonez, C. , PI; Physics</i>											
20-0034	Magnetic Plasma Confinement in a Predominantly Uniform Field by Using Magnetic Plasma Expulsion	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	50%	\$300,000	Declined
Proposal: New											
		Totals for	Weathers, Duncan							\$300,000	
		Totals for	Physics							\$1,609,282	
Political Science											
Ishiyama, John											
<i>Ishiyama, J. , Co-PI; King, K. , PI; Political Science</i>											
20-0141	Transitions: Guided Pathways from Two-Year to Four-Colleges and Beyond	Instruction	The American Political Science Association	Not for Profit	Co-PI	3/1/2020	0.91	0.00%	50%	\$19,954	Pending
Proposal: New											
		Totals for	Ishiyama, John							\$19,954	
King, Kimi											
<i>King, K. , PI; Ishiyama, J. , Co-PI; Political Science</i>											
20-0141	Transitions: Guided Pathways from Two-Year to Four-Colleges and Beyond	Instruction	The American Political Science Association	Not for Profit	PI	3/1/2020	0.91	0.00%	50%	\$19,954	Pending
Proposal: New											
		Totals for	King, Kimi							\$19,954	
		Totals for	Political Science							\$39,908	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Psychology											
Jones, Martinque											
19-0670 Proposal: New	Collaborative Research: ECR EIE DCL: Epistemic Exclusion: Scholar(ly) Devaluation as Barrier to Inclusion and Equity of Women and Faculty of Color in STEM	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	4.91	48.50%	100%	\$502,942	Pending
		Totals for	Jones, Martinque							\$502,942	
		Totals for	Psychology							\$502,942	
World Language, Literature, & Cultures											
Najour, Caroline											
20-0021 Proposal: New	Startalk 2020: Caravaning Through the Arab World	Instruction	National Security Agency - NSA	Federal	PI	6/1/2020	0.91	48.00%	100%	\$89,648	Pending
		Totals for	Najour, Caroline							\$89,648	
		Totals for	World Language, Literature, & Cultures							\$89,648	
		Totals for	College of Liberal Arts & Social Sciences							\$13,032,735	
College of Science											
Mathematics											
Wang, Xuexia											
<i>Wang, X. , Co-PI; Mathematics; Zhang, T. , PI; Keller, M. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
20-0049 Proposal: New	Recess Programming and Classroom Change (RePACC) for Movement and Academic Behavior Promotion among Young Children	Research - Applied	University of Texas at Arlington	Federal Flow Thru	Co-PI	8/1/2020	2.91	48.50%	20%	\$21,992	Pending
		Totals for	Wang, Xuexia							\$21,992	
		Totals for	Mathematics							\$21,992	
		Totals for	College of Science							\$21,992	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Research & Innovation											
Advanced Environmental Research Institute (AERI)											

Shulaev, Vladimir

20-0075 Proposal: Resubmissio	Developing Clinically-Relevant MS Technology using Novel Ionization Processes for Identification of Bacterial Strains	Research - Basic	Wayne State University	Federal Flow Thru	PI	7/1/2020	3.91	48.50%	100%	\$545,831	Pending
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Totals for	Shulaev, Vladimir									\$545,831	
Totals for	Advanced Environmental Research Institute (AERI)									\$545,831	
Totals for	Research & Innovation									\$545,831	
Totals for	UNT									\$17,724,765	
Totals for	October FY2020:									\$17,724,765	