

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

Proposals Total by College	November 2018	November 2019	YTD FY2019	YTD FY2020
College of Business	\$ -	\$ -	\$ -	\$ 258,441
College of Education	\$ -	\$ 2,217,467	\$ 3,096,688	\$ 6,174,821
College of Engineering	\$ 13,546,036	\$ 10,962,144	\$ 29,323,125	\$ 15,053,599
College of Health & Public Service (prev. PACS)	\$ 580,705	\$ 302,327	\$ 1,222,465	\$ 2,358,843
College of Information	\$ 5,257,448	\$ -	\$ 8,024,647	\$ 1,620,709
College of Liberal Arts & Social Sciences	\$ 182,295	\$ 436,808	\$ 3,938,739	\$ 13,800,546
College of Merchandising Hospitality and Tourism	\$ 79,994	\$ 22,196	\$ 118,609	\$ 426,519
College of Music	\$ -	\$ 502,285	\$ -	\$ 502,285
College of Science	\$ 1,185,500	\$ 3,431,056	\$ 15,671,300	\$ 7,178,195
College of Visual Arts and Design	\$ 25,000	\$ 1,259,998	\$ 25,000	\$ 1,259,998
School of Journalism	\$ -	\$ -	\$ 120,090	\$ -
Other ¹	\$ -	\$ 8,154,502	\$ 1,042,631	\$ 9,014,624
Grand Total:	\$ 20,856,978	\$ 27,288,783	\$ 62,583,293	\$ 57,648,580

Proposals Total by Category				
Instruction	\$ 95,000	\$ -	\$ 1,217,408	\$ 220,833
Public Service	\$ 1,428,965	\$ 11,772,885	\$ 1,854,595	\$ 12,506,429
Research (Applied, Basic, Development)	\$ 21,978,241	\$ 15,515,898	\$ 59,242,246	\$ 44,921,318
Other ²	\$ 269,043	\$ -	\$ 269,043	\$ -
Grand Total:	\$ 23,771,249	\$ 27,288,783	\$ 62,583,293	\$ 57,648,580

Proposals Total by Source of Funding				
Federal	\$ 22,797,043	\$ 25,853,534	\$ 57,810,667	\$ 52,457,025
Private	\$ 954,340	\$ 1,318,277	\$ 4,544,046	\$ 4,428,951
State	\$ 19,867	\$ 116,972	\$ 228,579	\$ 762,604
Grand Total:	\$ 23,771,249	\$ 27,288,783	\$ 62,583,293	\$ 57,648,580

- 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, November 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 Education											
Counseling & Higher Education											
Jones, Veronica											
20-0022 Proposal: New	The "Other" Minority Serving Institution: Exploration of Shifting Student Demographics at Predominately White Institutions	Research - Basic	University of Alberta	Foreign	PI	4/1/2020	1.91	0.00%	100%	\$25,000	Pending
		Totals for	Jones, Veronica							\$25,000	
		Totals for	Counseling & Higher Education							\$25,000	
Educational Psychology											
Allen, Carrie											
19-0653 Proposal: New	Building Teacher Capacity for Leading District-wide Elementary Integrated STEM Instruction through a Research- Practice Partnership	Research - Basic	National Science Foundation - Federal NSF		PI	8/1/2020	2.91	48.50%	100%	\$236,555	Pending
		Totals for	Allen, Carrie							\$236,555	
Hull, Darrell											
<i>Hull, D. , Co-PI; Middlemiss, W. , PI; Educational Psychology</i>											
20-0069 Proposal: New	TX HIPPIY AmeriCorp Continuation Year 2	Public Service	OneStar National Service Commission	Federal Flow Thru	Co-PI	9/1/2020	0.91	3.16%	0%	\$0	Pending
		Totals for	Hull, Darrell							\$0	
Middlemiss, Wendy											
<i>Middlemiss, W. , PI; Hull, D. , Co-PI; Educational Psychology</i>											
20-0069 Proposal: New	TX HIPPIY AmeriCorp Continuation Year 2	Public Service	OneStar National Service Commission	Federal Flow Thru	PI	9/1/2020	0.91	3.16%	100%	\$1,655,913	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	Middlemiss, Wendy						\$1,655,913	
			Totals for	Educational Psychology						\$1,892,468	
Teacher Education & Administration											
Frieson, Brittany											
<i>Frieson, B. , Co-PI; Sailors, M. , PI; Templeton, T. , Co-PI; Morton, K. , Co-PI; Hoffman, J. , Co-PI; Teacher Education & Administration</i>											
20-0168	Begin with Books: Werenga Malawi!	Research - Applied	World Vision	Not for Profit	Co-PI	1/1/2020	1.91	26.00%	25%	\$75,000	Declined
Proposal: New											
			Totals for	Frieson, Brittany						\$75,000	
Hoffman, James											
<i>Hoffman, J. , Co-PI; Sailors, M. , PI; Templeton, T. , Co-PI; Morton, K. , Co-PI; Frieson, B. , Co-PI; Teacher Education & Administration</i>											
20-0168	Begin with Books: Werenga Malawi!	Research - Applied	World Vision	Not for Profit	Co-PI	1/1/2020	1.91	26.00%	25%	\$75,000	Declined
Proposal: New											
			Totals for	Hoffman, James						\$75,000	
Morton, Karisma											
<i>Morton, K. , Co-PI; Sailors, M. , PI; Templeton, T. , Co-PI; Hoffman, J. , Co-PI; Frieson, B. , Co-PI; Teacher Education & Administration</i>											
20-0168	Begin with Books: Werenga Malawi!	Research - Applied	World Vision	Not for Profit	Co-PI	1/1/2020	1.91	26.00%	0%	\$0	Declined
Proposal: New											
			Totals for	Morton, Karisma						\$0	
Sailors, Misty											
<i>Sailors, M. , PI; Templeton, T. , Co-PI; Morton, K. , Co-PI; Hoffman, J. , Co-PI; Frieson, B. , Co-PI; Teacher Education & Administration</i>											
20-0168	Begin with Books: Werenga Malawi!	Research - Applied	World Vision	Not for Profit	PI	1/1/2020	1.91	26.00%	50%	\$150,000	Declined
Proposal: New											
			Totals for	Sailors, Misty						\$150,000	
Templeton, Tran											
<i>Templeton, T. , Co-PI; Sailors, M. , PI; Morton, K. , Co-PI; Hoffman, J. , Co-PI; Frieson, B. , Co-PI; Teacher Education & Administration</i>											
20-0168	Begin with Books: Werenga Malawi!	Research - Applied	World Vision	Not for Profit	Co-PI	1/1/2020	1.91	26.00%	0%	\$0	Declined
Proposal: New											
			Totals for	Templeton, Tran						\$0	
			Totals for	Teacher Education & Administration						\$299,999	
			Totals for	College of Education						\$2,217,467	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Engineering											
Computer Science & Engineering											
Bhowmick, Sanjukta											
20-0120 Proposal: New	Collaborative Research: Elements: CSSI: CANDY: Cyberinfrastructure for Accelerating Innovation of Network Dynamics	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$199,696	Declined
20-0167 Proposal: New	Collaborative Research:OAC Core:Small:CoCoNetS: Compressing Complex Networks at Scale	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$224,726	Declined
Totals for										Bhowmick, Sanjukta	\$424,422
Blanco Villar, Eduardo											
<i>Blanco Villar, E. , Co-PI; Tarau, P. , PI; Computer Science & Engineering</i>											
20-0145 Proposal: New	III: Small: Interactive Text Mining with Logic-based Dialog Engine and Dependency Graphs	Research - Applied	National Science Foundation - Federal NSF		Co-PI	10/1/2020	2.91	48.50%	25%	\$124,087	Pending
<i>Blanco Villar, E. , PI; Computer Science & Engineering; Zhou, Y. , Co-PI; Engineering - Dean's Office</i>											
20-0150 Proposal: New	RI: Small: Extracting Spatial Trajectories from Natural Language	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	100%	\$499,997	Pending
Totals for										Blanco Villar, Eduardo	\$624,084
Bryce, Renee											
<i>Bryce, R. , Co-PI; Do, H. , PI; Computer Science & Engineering</i>											
20-0008 Proposal: New	SHF: Small: Evolution- and Context-Aware Mobile Testing (ECAMO-Test)	Research - Basic	National Science Foundation - Federal NSF		Co-PI	5/1/2020	2.91	48.50%	50%	\$249,967	Pending
Totals for										Bryce, Renee	\$249,967

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Do, Hyunsook											
<i>Do, H. , PI; Bryce, R. , Co-PI; Computer Science & Engineering</i>											
20-0008 Proposal: New	SHF: Small: Evolution- and Context-Aware Mobile Testing (ECAMO-Test)	Research - Basic	National Science Foundation - Federal NSF		PI	5/1/2020	2.91	48.50%	50%	\$249,967	Pending
20-0041 Proposal: New	Collaborative Research: SHF: Small: CAMRA -- Context-Aware Model-based Requirements Analysis for Collaborative Embedded Systems	Research - Applied	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	100%	\$249,561	Pending
Totals for										Do, Hyunsook	\$499,528
Gulur, Nagendra											
<i>Gulur, N. , Co-PI; Kavi, K. , PI; Computer Science & Engineering</i>											
20-0132 Proposal: New	CNS: Small: Managing heterogeneous memory systems: Off-line and On-line techniques	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2020	1.91	48.50%	50%	\$249,682	Pending
<i>Gulur, N. , PI; Kavi, K. , Co-PI; Computer Science & Engineering</i>											
20-0133 Proposal: New	SHF:Small:A Framework For Evaluation of Defenses Against Side-Channel Attacks	Research - Development	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	50%	\$249,587	Pending
<i>Gulur, N. , PI; Kavi, K. , Co-PI; Computer Science & Engineering</i>											
20-0185 Proposal: New	Collaborative Research:FoMR: Improved Structures for Address Translation in Virtualized Environments	Research - Development	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	50%	\$140,563	Pending
Totals for										Gulur, Nagendra	\$639,831
Guo, Xuan											
<i>Guo, X. , Co-PI; Yuan, X. , PI; Computer Science & Engineering</i>											
20-0116 Proposal: New	RI: Small: Consistently and Precisely Tracking of Human Movements from a Single Range Imaging Device	Research - Basic	National Science Foundation - Federal NSF		Co-PI	10/1/2020	2.91	48.50%	34%	\$169,951	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
20-0162 Proposal: New	Collaborative Research: RI: Small: Exploring Dynamic Functioning Mechanisms of Brain Networks	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2020	2.91	48.50%	100%	\$150,000	Pending
			Totals for	Guo, Xuan						\$319,951	
Kavi, Krishna											
<i>Kavi, K. , PI; Gulur, N. , Co-PI; Computer Science & Engineering</i>											
20-0132 Proposal: New	CNS: Small: Managing heterogeneous memory systems: Off-line and On-line techniques	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	1.91	48.50%	50%	\$249,682	Pending
<i>Kavi, K. , Co-PI; Gulur, N. , PI; Computer Science & Engineering</i>											
20-0133 Proposal: New	SHF:Small:A Framework For Evaluation of Defenses Against Side-Channel Attacks	Research - Development	National Science Foundation - Federal NSF		Co-PI	6/1/2020	2.91	48.50%	50%	\$249,587	Pending
<i>Kavi, K. , Co-PI; Gulur, N. , PI; Computer Science & Engineering</i>											
20-0185 Proposal: New	Collaborative Research:FoMR: Improved Structures for Address Translation in Virtualized Environments	Research - Development	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	50%	\$140,563	Pending
			Totals for	Kavi, Krishna						\$639,831	
Ludi, Stephanie											
20-0121 Proposal: Resubmissio	CHS: Small: Access2Code: Leveraging Mental Models in Accessible Block-based Programming for Students with Visual impairments via Audio Cues and Program Orientation and Navigation	Research - Applied	National Science Foundation - Federal NSF		PI	8/1/2020	2.91	48.50%	100%	\$498,023	Pending
			Totals for	Ludi, Stephanie						\$498,023	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Mohanty, Saraju											
<i>Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Electrical Engineering</i>											
20-0154 Proposal: New	CNS Core: Small: PUFchain: Exploring Secure by Design Approaches for Scalable Blockchain for Unified Device Authentication and Data Provenance in the Internet of Everything (IoE)	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	60%	\$299,004	Pending
20-0156 Proposal: New	Collaborative Research: CNS Core: Small: Fog-Safe: Fog-Assisted IoT-based Scalable Approaches for Enhancing Services and Safety in Smart Cities	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	100%	\$149,793	Pending
		Totals for	Mohanty, Saraju							\$448,797	
Morozov, Kirill											
20-0187 Proposal: New	Revisiting Trust and Privacy in Secure Multiparty Computation and Secure Outsourcing	Research - Basic	University of Texas at Dallas	Federal Flow Thru	PI	6/1/2020	2.91	48.50%	100%	\$252,138	Declined
		Totals for	Morozov, Kirill							\$252,138	
Nielsen, Rodney											
<i>Nielsen, R. , Co-PI; Computer Science & Engineering; Vadapalli, R. , PI; University IT (UIT); Srivilliputhur, S. , Co-PI; Materials Science & Engineering; Cundari, T. , Co-PI; Chemistry</i>											
19-0668 Proposal: New	Category I: Aguila Paves the Way for the Intersection of Science, Engineering and Machine Learning	Public Service	National Science Foundation - Federal NSF		Co-PI	9/1/2020	4.91	48.50%	10%	\$1,000,000	Pending
		Totals for	Nielsen, Rodney							\$1,000,000	
Pottathuparambil, Robin											
<i>Pottathuparambil, R. , Co-PI; Computer Science & Engineering; Gafford, L. , PI; Disability & Addiction Rehabilitation</i>											
20-0094 Proposal: New	Explore STEM!	Public Service	Texas Workforce Commission	State of TX	Co-PI	1/15/2020	0.58	31.50%	50%	\$58,486	Pending
		Totals for	Pottathuparambil, Robin							\$58,486	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
Tarau, Paul												
<i>Tarau, P. , PI; Blanco Villar, E. , Co-PI; Computer Science & Engineering</i>												
20-0145 Proposal: New	III: Small: Interactive Text Mining with Logic-based Dialog Engine and Dependency Graphs	Research - Applied	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	75%	\$372,260	Pending	
		Totals for	Tarau, Paul							\$372,260		
Yang, Qing												
20-0175 Proposal: New	Enabling Machine Learning based Cooperative Perception with mmWave Communication for Autonomous Vehicle Safety	Research - Basic	National Science Foundation - Federal NSF		PI	5/15/2020	3	48.50%	100%	\$246,518	Pending	
		Totals for	Yang, Qing							\$246,518		
Yuan, Xiaohui												
<i>Yuan, X. , PI; Guo, X. , Co-PI; Computer Science & Engineering</i>												
20-0116 Proposal: New	RI: Small: Consistently and Precisely Tracking of Human Movements from a Single Range Imaging Device	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	66%	\$329,905	Pending	
		Totals for	Yuan, Xiaohui							\$329,905		
Zhao, Hui												
20-0135 Proposal: New	Collaborative Research: SHF: Small: Tangram: Developing Aggregated Virtual Chips with Wireless Communication Networks	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2020	2.91	48.50%	100%	\$174,573	Pending	
		Totals for	Zhao, Hui							\$174,573		
		Totals for	Computer Science & Engineering							\$6,778,313		

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Electrical Engineering											
Acevedo, Miguel											
20-0171 Proposal: New	CNH2: Modeling the dynamics of resilience in terraced food-energy-water systems	Research - Basic	Arizona State University	Federal Flow Thru	PI	6/1/2020	3.91	48.50%	100%	\$86,855	Pending
		Totals for	Acevedo, Miguel							\$86,855	
Kaul, Anupama											
<i>Kaul, A. , Co-PI; Electrical Engineering; Kaul, A. , PI; Materials Science & Engineering</i>											
20-0164 Proposal: New	Two-dimensional (2D) and three-dimensional (3D) organo-halide perovskites integrated with 2D layered semiconducting transition metal dichalcogenides for additively manufactured high-performance, high-stability solar cells on flexible substrates	Research - Applied	U.S. Office of Naval Research - ONR	Federal	Co-PI	1/1/2020	3.91	48.50%	20%	\$126,400	Pending
		Totals for	Kaul, Anupama							\$126,400	
Kougianos, Elias											
<i>Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , PI; Computer Science & Engineering</i>											
20-0154 Proposal: New	CNS Core: Small: PUFchain: Exploring Secure by Design Approaches for Scalable Blockchain for Unified Device Authentication and Data Provenance in the Internet of Everything (IoE)	Research - Basic	National Science Foundation - Federal NSF		Co-PI	10/1/2020	2.91	48.50%	40%	\$199,336	Pending
		Totals for	Kougianos, Elias							\$199,336	
Sun, Hua											
20-0082 Proposal: New	Collaborative Research: CIF: Small: Communication, Storage, Complexity, and Security: A Holistic View on the Fundamental Limits and Code Designs for Private Information Retrieval	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	100%	\$218,259	Pending
		Totals for	Sun, Hua							\$218,259	
		Totals for	Electrical Engineering							\$630,850	

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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Engineering - Dean's Office

Zhou, Yao

Zhou, Y. , Co-PI; Engineering - Dean's Office; Blanco Villar, E. , PI; Computer Science & Engineering

20-0150 Proposal: New	RI: Small: Extracting Spatial Trajectories from Natural Language	Research - Basic	National Science Foundation - Federal NSF		Co-PI	10/1/2020	2.91	48.50%	0%	\$0	Pending
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Totals for **Zhou, Yao** **\$0**

Totals for **Engineering - Dean's Office** **\$0**

Engineering Technology

Bostanci, Huseyin

20-0124 Proposal: New	An Innovative Rotary Displacer Stirling Engine for Space Power Applications	Research - Applied	National Aeronautics & Space Administration - NASA	Federal	PI	8/1/2020	1.41	0.00%	100%	\$120,000	Pending
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20-0134 Proposal: New	Microgravity Vortex Phase Separator for Liquid Amine CO2 Removal System	Research - Applied	National Aeronautics & Space Administration - NASA	Federal	PI	8/1/2020	1.91	0.00%	100%	\$160,000	Pending
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Totals for **Bostanci, Huseyin** **\$280,000**

Totals for **Engineering Technology** **\$280,000**

Materials Science & Engineering

Banerjee, Rajarshi

Banerjee, R. , Co-PI; Srivilliputhur, S. , PI; Baskes, M. , Co-PI; Materials Science & Engineering

20-0140 Proposal: New	An Atomic Bonding Informed Approach to Rewrite the Rules of Solid-Solution and Precipitation Strengthening.	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	Co-PI	4/1/2020	2.91	48.50%	50%	\$524,161	Pending
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Totals for **Banerjee, Rajarshi** **\$524,161**

Baskes, Michael

Baskes, M. , Co-PI; Srivilliputhur, S. , PI; Banerjee, R. , Co-PI; Materials Science & Engineering

20-0140 Proposal: New	An Atomic Bonding Informed Approach to Rewrite the Rules of Solid-Solution and Precipitation Strengthening.	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	Co-PI	4/1/2020	2.91	48.50%	10%	\$104,832	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	Baskes, Michael						\$104,832	
Choi, Wonbong											
<i>Choi, W. , PI; Materials Science & Engineering; Choi, W. , Co-PI; Prasad, V. , Co-PI; Mechanical & Energy Engineering</i>											
20-0130 Proposal: New	Collaborative Research: Experimental and Computational Study of Phase Dependent Ion Transport/Catalysis in 2D TMDs	Research - Basic	National Science Foundation - Federal NSF		PI	3/1/2020	3.91	48.50%	64%	\$236,544	Pending
			Totals for	Choi, Wonbong						\$236,544	
Kaul, Anupama											
<i>Kaul, A. , PI; Materials Science & Engineering; Kaul, A. , Co-PI; Electrical Engineering</i>											
20-0164 Proposal: New	Two-dimensional (2D) and three-dimensional (3D) organo-halide perovskites integrated with 2D layered semiconducting transition metal dichalcogenides for additively manufactured high-performance, high-stability solar cells on flexible substrates	Research - Applied	U.S. Office of Naval Research - ONR	Federal	PI	1/1/2020	3.91	48.50%	80%	\$505,601	Pending
			Totals for	Kaul, Anupama						\$505,601	
Shepherd, Nigel											
20-0079 Proposal: New	Understanding crystallinity, extrinsic doping and junction interfaces in pulsed laser deposited WS2 and MoS2 few-layer films	Research - Basic	National Science Foundation - Federal NSF		PI	8/1/2020	2.91	48.50%	100%	\$349,459	Declined
			Totals for	Shepherd, Nigel						\$349,459	
Srivilliputhur, Srinivasan											
<i>Srivilliputhur, S. , Co-PI; Materials Science & Engineering; Vadapalli, R. , PI; University IT (UIT); Nielsen, R. , Co-PI; Computer Science & Engineering; Cundari, T. , Co-PI; Chemistry</i>											
19-0668 Proposal: New	Category I: Aguila Paves the Way for the Intersection of Science, Engineering and Machine Learning	Public Service	National Science Foundation - Federal NSF		Co-PI	9/1/2020	4.91	48.50%	10%	\$1,000,000	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<i>Srivilliputhur, S. , PI; Banerjee, R. , Co-PI; Baskes, M. , Co-PI; Materials Science & Engineering</i>												
20-0140 Proposal: New	An Atomic Bonding Informed Approach to Rewrite the Rules of Solid-Solution and Precipitation Strengthening.	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	PI	4/1/2020	2.91	48.50%	40%	\$419,328	Pending	
		Totals for	Srivilliputhur, Srinivasan								\$1,419,328	
		Totals for	Materials Science & Engineering								\$3,139,925	

Mechanical & Energy Engineering

Choi, Wonbong

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

20-0130 Proposal: New	Collaborative Research: Experimental and Computational Study of Phase Dependent Ion Transport/Catalysis in 2D TMDs	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	3/1/2020	3.91	48.50%	16%	\$59,136	Pending	
		Totals for	Choi, Wonbong								\$59,136	

Prasad, Vishwanath

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

20-0130 Proposal: New	Collaborative Research: Experimental and Computational Study of Phase Dependent Ion Transport/Catalysis in 2D TMDs	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	3/1/2020	3.91	48.50%	20%	\$73,920	Pending	
		Totals for	Prasad, Vishwanath								\$73,920	
		Totals for	Mechanical & Energy Engineering								\$133,056	
		Totals for	College of Engineering								\$10,962,144	

College of Health & Public Service

Criminal Justice

Zettler, Haley

20-0165 Proposal: New	Advancing Trauma-informed Systems of Care for Justice-involved Youth Through Neuroscience	Research - Basic	The University of Memphis	Federal Flow Thru	PI	7/1/2020	2.91	48.50%	100%	\$55,535	Pending	
		Totals for	Zettler, Haley								\$55,535	
		Totals for	Criminal Justice								\$55,535	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Disability & Addiction Rehabilitation</i>											
Gafford, Lucy											
<i>Gafford, L. , PI; Disability & Addiction Rehabilitation; Pottathuparambil, R. , Co-PI; Computer Science & Engineering</i>											
20-0094	Explore STEM!	Public Service	Texas Workforce Commission	State of TX	PI	1/15/2020	0.58	31.50%	50%	\$58,486	Pending
Proposal: New											
Totals for										Gafford, Lucy	\$58,486
Totals for										Disability & Addiction Rehabilitation	\$58,486
<i>Public Administration</i>											
Fischer, Lauren											
<i>Fischer, L. , Co-PI; Public Administration; Roberts, A. , PI; Advanced Environmental Research Institute (AERI); Klaver, I. , Co-PI; De Wolff, K. , Co-PI; Philosophy & Religion Studies</i>											
20-0029	CNH2-S: Tamplng A Trinity of Flows: Bridging Water Quality Data, Community Knowledge and Citizen Engagement	Research - Basic	National Science Foundation - Federal NSF		Co-PI	8/1/2020	2.91	48.50%	25%	\$186,807	Declined
Proposal: New											
Totals for										Fischer, Lauren	\$186,807
Totals for										Public Administration	\$186,807
<i>Speech & Hearing Sciences</i>											
Lam, Pak Wing Jacky											
20-0189	Testing two new executive function measures in high-functioning individuals with autism spectrum disorders	Research - Basic	Texas Speech Language Hearing Foundation	Foundation	PI	2/1/2020	0.91	0.00%	100%	\$1,500	Pending
Proposal: New											
Totals for										Lam, Pak Wing Jacky	\$1,500
Totals for										Speech & Hearing Sciences	\$1,500
Totals for										College of Health & Public Service	\$302,327

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Liberal Arts & Soci											
Anthropology											
Dunstan, Adam											
20-0125 Proposal: New	Making Space Sacred: The Lived Experience of Latter-day Saint Historic Sites in Palmyra, NY	Research - Basic	The Wenner-Gren Foundation	Not for Profit	PI	7/1/2020	0.33	0.00%	100%	\$16,559	Pending
		Totals for	Dunstan, Adam							\$16,559	
		Totals for	Anthropology							\$16,559	
Philosophy & Religion Studies											
De Wolff, Kimberley											
<i>De Wolff, K. , Co-PI; Klaver, I. , Co-PI; Philosophy & Religion Studies; Roberts, A. , PI; Advanced Environmental Research Institute (AERI); Fischer, L. , Co-PI; Public Administration</i>											
20-0029 Proposal: New	CNH2-S: Tampling A Trinity of Flows: Bridging Water Quality Data, Community Knowledge and Citizen Engagement	Research - Basic	National Science Foundation - Federal NSF		Co-PI	8/1/2020	2.91	48.50%	25%	\$186,807	Declined
		Totals for	De Wolff, Kimberley							\$186,807	
Klaver, Irene											
<i>Klaver, I. , Co-PI; De Wolff, K. , Co-PI; Philosophy & Religion Studies; Roberts, A. , PI; Advanced Environmental Research Institute (AERI); Fischer, L. , Co-PI; Public Administration</i>											
20-0029 Proposal: New	CNH2-S: Tampling A Trinity of Flows: Bridging Water Quality Data, Community Knowledge and Citizen Engagement	Research - Basic	National Science Foundation - Federal NSF		Co-PI	8/1/2020	2.91	48.50%	25%	\$186,807	Declined
		Totals for	Klaver, Irene							\$186,807	
		Totals for	Philosophy & Religion Studies							\$373,614	
Political Science											
Greig, James											
20-0142 Proposal: New	Statecraft, Regional Competition, and the External Support of Insurgents	Research - Basic	State University of New York at Albany	Federal Flow Thru	PI	5/15/2020	2	48.50%	100%	\$46,635	Pending
		Totals for	Greig, James							\$46,635	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Political Science							\$46,635	
		Totals for	College of Liberal Arts & Soci							\$436,808	

College of Merchandising Hospitality and Tourism

Merch & Digital Retailing

Jestratijevic, Iva

20-0056 Proposal: New	Tracing Restricted Substances Disclosures in Finished Apparel Goods (RSL) and Apparel Manufacturing (MRSL): Implications for Sustainability, Safety and Protection	Research - Basic	QSR International (Americas) Inc.	Industry	PI	4/1/2020	1.91	0.00%	100%	\$22,196	Pending
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		Totals for	Jestratijevic, Iva							\$22,196	
		Totals for	Merch & Digital Retailing							\$22,196	
		Totals for	College of Merchandising Hospitality and Tourism							\$22,196	

College of Music

Composition Studies

Stout, David

Stout, D. , Co-PI; Composition Studies; Buongiorno Nardelli, M. , PI; Physics; Buongiorno Nardelli, M. , Co-PI; Chemistry; Stout, D. , Co-PI; Eggert, A. , Co-PI; Studio Art

20-0052 Proposal: New	NSF-AISL Innovations in Development: "A Garden of Wonders": immersive installations for the informal learning of the molecular world	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2020	3.91	48.50%	19.8%	\$502,285	Declined
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		Totals for	Stout, David							\$502,285	
		Totals for	Composition Studies							\$502,285	
		Totals for	College of Music							\$502,285	

College of Science

Biological Sciences

Dzialowski, Edward

19-0659 Proposal: New	Ecophysiology studies on the developmental response to temperature variability in the bumblebee	Research - Basic	Eva Crane Trust	Foreign	PI	1/1/2020	2.91	0.00%	100%	\$53,296	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	Dzialowski, Edward							\$53,296	
Hunt Von Herbing, Ione											
19-0610 Proposal: New	Management of Stress and Fish Welfare in Marine Aquaculture: Evaluating the effectiveness of probiotic intervention on productivity, profitability and production risk.	Research - Applied	National Oceanic & Atmospheric Administration - NOAA	Federal	PI	9/1/2020	1.91	48.50%	100%	\$299,299	Pending
		Totals for	Hunt Von Herbing, Ione							\$299,299	
Root, Douglas											
20-0119 Proposal: Resubmissio	Length-dependent activation in human myocardium	Research - Basic	University of Kentucky	Federal Flow Thru	PI	7/1/2020	3.91	48.50%	100%	\$297,858	Pending
		Totals for	Root, Douglas							\$297,858	
		Totals for	Biological Sciences							\$650,453	
Chemistry											
Buongiorno Nardelli, Marco											
<i>Buongiorno Nardelli, M. , Co-PI; Chemistry; Buongiorno Nardelli, M. , PI; Physics; Stout, D. , Co-PI; Composition Studies; Stout, D. , Co-PI; Eggert, A. , Co-PI; Studio Art</i>											
20-0052 Proposal: New	NSF-AISL Innovations in Development: "A Garden of Wonders": immersive installations for the informal learning of the molecular world	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2020	3.91	48.50%	6.8%	\$172,502	Declined
		Totals for	Buongiorno Nardelli, Marco							\$172,502	
Cisneros, G. Andres											
20-0155 Proposal: Supplement	Investigation of DNA Modifying Enzymes by Computational Simulations: Development and Applications	Research - Basic	National Institutes of Health - NIH	Federal	PI	4/1/2020	1.91	48.50%	100%	\$118,480	Awarded
		Totals for	Cisneros, G. Andres							\$118,480	

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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Cundari, Thomas

Cundari, T. , Co-PI; Chemistry; Vadapalli, R. , PI; University IT (UIT); Srivilliputhur, S. , Co-PI; Materials Science & Engineering; Nielsen, R. , Co-PI; Computer Science & Engineering

19-0668 Proposal: New	Category I: Aguila Paves the Way for the Intersection of Science, Engineering and Machine Learning	Public Service	National Science Foundation - Federal NSF		Co-PI	9/1/2020	4.91	48.50%	10%	\$1,000,000	Pending
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Totals for **Cundari, Thomas** **\$1,000,000**

Totals for **Chemistry** **\$1,290,982**

Mathematics

Tierra chica, Giordano

19-0680 Proposal: New	Mathematical Methods for Challenges for Phase Field and Other Energy-Based Models	Research - Basic	National Science Foundation - Federal NSF		PI	8/15/2020	2.91	48.50%	100%	\$131,859	Pending
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Totals for **Tierra chica, Giordano** **\$131,859**

Totals for **Mathematics** **\$131,859**

Physics

Buongiorno Nardelli, Marco

Buongiorno Nardelli, M. , PI; Physics; Buongiorno Nardelli, M. , Co-PI; Chemistry; Stout, D. , Co-PI; Composition Studies; Stout, D. , Co-PI; Eggert, A. , Co-PI; Studio Art

20-0052 Proposal: New	NSF-AISL Innovations in Development: "A Garden of Wonders": immersive installations for the informal learning of the molecular world	Research - Applied	National Science Foundation - Federal NSF		PI	9/1/2020	3.91	48.50%	27.2%	\$690,008	Declined
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Totals for **Buongiorno Nardelli, Marco** **\$690,008**

Neogi, Arup

20-0080 Proposal: Supplement	GOALI: 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	3/1/2020	0.91	0.00%	100%	\$99,967	Awarded
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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
20-0136 Proposal: New	Collaborative Research: Generation and manipulation of coherent coupling and collective excitations in atomically-thin quantum materials	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$254,459	Pending
		Totals for	Neogi, Arup							\$354,426	
Rostovtsev, Yuri											
20-0143 Proposal: New	Quantum control of molecular states: tunable maser at room temperature	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2020	2.91	48.50%	100%	\$313,328	Pending
		Totals for	Rostovtsev, Yuri							\$313,328	
		Totals for	Physics							\$1,357,762	
		Totals for	College of Science							\$3,431,056	
College of Visual Arts & Design											
Art Education & Art History											
Shabout, Nada											
20-0054 Proposal: New	Mapping Art Histories in the Arab World, Iran, and Turkey	Research - Basic	Getty Foundation	Not for Profit	PI	12/12/2019	1.08	10.00%	100%	\$88,000	Awarded
		Totals for	Shabout, Nada							\$88,000	
		Totals for	Art Education & Art History							\$88,000	
Studio Art											
Eggert, Alicia											
<i>Eggert, A. , Co-PI; Stout, D. , Co-PI; Studio Art; Buongiorno Nardelli, M. , PI; Physics; Buongiorno Nardelli, M. , Co-PI; Chemistry; Stout, D. , Co-PI; Composition Studies</i>											
20-0052 Proposal: New	NSF-AISL Innovations in Development: "A Garden of Wonders": immersive installations for the informal learning of the molecular world	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2020	3.91	48.50%	33%	\$837,142	Declined
		Totals for	Eggert, Alicia							\$837,142	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Stout, David											
<i>Stout, D. , Co-PI; Eggert, A. , Co-PI; Studio Art; Buongiorno Nardelli, M. , PI; Physics; Buongiorno Nardelli, M. , Co-PI; Chemistry; Stout, D. , Co-PI; Composition Studies</i>											
20-0052 Proposal: New	NSF-AISL Innovations in Development: "A Garden of Wonders": immersive installations for the informal learning of the molecular world	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2020	3.91	48.50%	13.2%	\$334,857	Declined
Totals for Stout, David										\$334,857	
Totals for Studio Art										\$1,171,998	
Totals for College of Visual Arts & Design										\$1,259,998	
Research & Innovation											
Advanced Environmental Research Institute (AERI)											
Roberts, Aaron											
<i>Roberts, A. , PI; Advanced Environmental Research Institute (AERI); Klaver, I. , Co-PI; De Wolff, K. , Co-PI; Philosophy & Religion Studies; Fischer, L. , Co-PI; Public Administration</i>											
20-0029 Proposal: New	CNH2-S: Tamplng A Trinity of Flows: Bridging Water Quality Data, Community Knowledge and Citizen Engagement	Research - Basic	National Science Foundation - Federal NSF		PI	8/1/2020	2.91	48.50%	25%	\$186,807	Declined
20-0122 Proposal: New	Potential impacts of climate change on the sublethal toxicity of H:Se interactions in fishes of San Francisco Bay Delta	Research - Applied	University of California, Riverside	Other (Non-TX State) Govt Flow Thru	PI	4/1/2020	2.91	20.00%	100%	\$811,727	Declined
Totals for Roberts, Aaron										\$998,534	
Shulaev, Vladimir											
20-0083 Proposal: Resubmissio	The contribution of lactate to gametocytogenesis	Research - Basic	Johns Hopkins University	Federal Flow Thru	PI	7/1/2020	1.91	48.50%	100%	\$155,968	Pending
Totals for Shulaev, Vladimir										\$155,968	
Totals for Advanced Environmental Research Institute (AERI)										\$1,154,502	
Totals for Research & Innovation										\$1,154,502	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>University Information Service</i>											
<i>University IT (UIT)</i>											

Vadapalli, Ravi

Vadapalli, R. , PI; University IT (UIT); Srivilliputhur, S. , Co-PI; Materials Science & Engineering; Nielsen, R. , Co-PI; Computer Science & Engineering; Cundari, T. , Co-PI; Chemistry

19-0668 Proposal: New	Category I: Aguila Paves the Way for the Intersection of Science, Engineering and Machine Learning	Public Service	National Science Foundation - Federal NSF	PI	9/1/2020	4.91	48.50%	70%	\$7,000,000	Pending
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Totals for	Vadapalli, Ravi								\$7,000,000	
Totals for	University IT (UIT)								\$7,000,000	
Totals for	University Information Service								\$7,000,000	
Totals for	UNT								\$27,288,783	
Totals for	November FY2020:								\$27,288,783	