

Monthly Proposals Report for February 2020
Office of Grants and Contracts, University of North Texas

Proposals Total by College	February 2019	February 2020	YTD FY2019	YTD FY2020
College of Business	\$ 345,637	\$ 208,260	\$ 345,637	\$ 554,926
College of Education	\$ 138,045	\$ 771,717	\$ 4,710,018	\$ 7,297,463
College of Engineering	\$ 11,622,814	\$ 9,379,695	\$ 58,980,661	\$ 35,429,223
College of Health & Public Service (prev. PACS)	\$ 571,821	\$ 1,270,039	\$ 5,705,257	\$ 5,937,015
College of Information	\$ 2,126,161	\$ 94,223	\$ 12,966,437	\$ 3,072,757
College of Liberal Arts & Social Sciences	\$ 1,326,375	\$ 614,612	\$ 6,314,351	\$ 15,484,099
College of Merchandising Hospitality and Tourism	\$ 2,000	\$ -	\$ 190,482	\$ 426,519
College of Music	\$ 1,499,459	\$ 177,796	\$ 1,538,417	\$ 680,081
College of Science	\$ 4,879,480	\$ 5,188,943	\$ 26,698,671	\$ 19,943,661
College of Visual Arts and Design	\$ -	\$ 166,109	\$ 276,550	\$ 1,426,107
School of Journalism	\$ -	\$ 379,522	\$ 120,090	\$ 379,522
Other ¹	\$ 5,375,913	\$ 534,465	\$ 7,236,267	\$ 12,356,037
Grand Total:	\$ 27,887,704	\$ 18,785,382	\$ 125,082,839	\$ 102,987,411

Proposals Total by Category	February 2019	February 2020	YTD FY2019	YTD FY2020
Instruction	\$ 47,398	\$ -	\$ 1,579,806	\$ 220,833
Public Service	\$ 69,176	\$ 137,787	\$ 2,291,391	\$ 13,544,290
Research (Applied, Basic, Development)	\$ 27,771,130	\$ 18,647,595	\$ 120,942,599	\$ 89,196,762
Other ²	\$ -	\$ -	\$ 269,043	\$ 25,526
Grand Total:	\$ 27,887,704	\$ 18,785,382	\$ 125,082,839	\$ 102,987,411

Proposals Total by Source of Funding	February 2019	February 2020	YTD FY2019	YTD FY2020
Federal	\$ 27,097,759	\$ 15,329,151	\$ 111,266,842	\$ 88,831,499
Private	\$ 789,945	\$ 2,961,683	\$ 11,785,575	\$ 12,445,349
State	\$ -	\$ 494,548	\$ 2,030,421	\$ 1,710,564
Grand Total:	\$ 27,887,704	\$ 18,785,382	\$ 125,082,839	\$ 102,987,411

- 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, February 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											
Management											
Dietz, Tracy											
<i>Dietz, T. , Co-PI; Management; Olness, G. , PI; Speech & Hearing Sciences; Seckin, G. , Co-PI; Sociology; Prybutok, G. , Co-PI; O'Neill, L. , Co-PI; Disability & Addiction Rehabilitation</i>											
20-0236 Proposal: New	North Texans With Aphasia: The Landscape They Navigate Toward Health and Quality of Life	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	19%	\$137,572	Pending
Totals for Dietz, Tracy										\$137,572	
Totals for Management										\$137,572	
Marketing & Logistics											
Bomba, Michael											
<i>Bomba, M. , Co-PI; Niranjan, S. , Co-PI; Marketing & Logistics; Hong, S. , PI; Logistics Systems Institute (LSI)</i>											
20-0269 Proposal: New	General Analysis of Relationship Between Air Services and Economic Development	Research - Applied	Campbell-Hill Aviation Group, LLC	Not for Profit Flow Thru	Co-PI	7/9/2020	1.5	26.00%	27%	\$30,295	Pending
Totals for Bomba, Michael										\$30,295	
Niranjan, Suman											
<i>Niranjan, S. , Co-PI; Bomba, M. , Co-PI; Marketing & Logistics; Hong, S. , PI; Logistics Systems Institute (LSI)</i>											
20-0269 Proposal: New	General Analysis of Relationship Between Air Services and Economic Development	Research - Applied	Campbell-Hill Aviation Group, LLC	Not for Profit Flow Thru	Co-PI	7/9/2020	1.5	26.00%	36%	\$40,393	Pending
Totals for Niranjan, Suman										\$40,393	
Totals for Marketing & Logistics										\$70,688	
Totals for College of Business										\$208,260	

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

Educational Psychology

Hodges, Jaret

20-0336 Proposal: New	Towards Greater Equity: Assessing Humble ISD's Gifted Education Program	Public Service	American Educational Research Association	Not for Profit	PI	7/1/2020	0.41	0.00%	100%	\$4,786	Pending
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Totals for **Hodges, Jaret** \$4,786

Totals for **Educational Psychology** \$4,786

Kinesiology, Health Promotion, & Recreation

Colombo-Dougovito, Andrew

20-0369 Proposal: New	Perceptions of Adapted Physical Educators toward Research	Research - Applied	University of Northern Iowa	Foundation Flow Thru	PI	6/1/2020	1.33	0.00%	100%	\$8,652	Pending
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Totals for **Colombo-Dougovito, Andrew** \$8,652

Totals for **Kinesiology, Health Promotion, & Recreation** \$8,652

Teacher Education & Administration

Eddy, Colleen

Eddy, C. , Co-PI; Eutsler, L. , PI; Long, C. , Co-PI; Teacher Education & Administration; Lin, L. , Co-PI; Hayes, A. , Co-PI; Learning Technologies

20-0226 Proposal: New	Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Development of an Integrated STEM Curriculum Using Disciplinary Literacy	Research - Basic	Spencer Foundation	Foundation	Co-PI	8/16/2021	4.91	15.00%	15%	\$70,667	Pending
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Eddy, C. , Co-PI; Teacher Education & Administration; Rout, B. , PI; Physics; Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , Co-PI; Computer Science & Engineering

20-0287 Proposal: New	IUSE:HER:Nano-Sec: Introducing Nanoelectronics-Security Paradigms in Interdisciplinary STEM Curricula to Improve Retention, Minority Enrollment, and Employment	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	25%	\$74,904	Pending
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Totals for **Eddy, Colleen** \$145,572

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Eutsler, Lauren											
<i>Eutsler, L. , PI; Eddy, C. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration; Lin, L. , Co-PI; Hayes, A. , Co-PI; Learning Technologies</i>											
20-0226 Proposal: New	Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Development of an Integrated STEM Curriculum Using Disciplinary Literacy	Research - Basic	Spencer Foundation	Foundation	PI	8/16/2021	4.91	15.00%	45%	\$212,002	Pending
		Totals for	Eutsler, Lauren							\$212,002	
King, Kelley											
20-0315 Proposal: New	Collaborative Research: The Role of Teacher Evaluation and Support in Social Learning Systems in Clinical Settings	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$306,482	Pending
		Totals for	King, Kelley							\$306,482	
Long, Christopher											
<i>Long, C. , Co-PI; Eutsler, L. , PI; Eddy, C. , Co-PI; Teacher Education & Administration; Lin, L. , Co-PI; Hayes, A. , Co-PI; Learning Technologies</i>											
20-0226 Proposal: New	Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Development of an Integrated STEM Curriculum Using Disciplinary Literacy	Research - Basic	Spencer Foundation	Foundation	Co-PI	8/16/2021	4.91	15.00%	20%	\$94,223	Pending
		Totals for	Long, Christopher							\$94,223	
		Totals for	Teacher Education & Administration							\$758,279	
		Totals for	College of Education							\$771,717	
College of Engineering											
Biomedical Engineering											
Ecker, Melanie											
20-0059 Proposal: New	Shape Memory Polymer Bandage to Prevent Colonic Anastomotic Leak	Research - Development	National Institutes of Health - Federal NIH		PI	9/1/2020	2.91	48.50%	100%	\$569,735	Pending
		Totals for	Ecker, Melanie							\$569,735	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Meckes, Brian											
<i>Meckes, B. , PI; Biomedical Engineering; Srivilliputhur, S. , Co-PI; Baskes, M. , Co-PI; Materials Science & Engineering</i>											
20-0272 Proposal: New	Computationally-Aided Rational Protein Corona Engineering for Nanoparticle Delivery	Research - Basic	National Institutes of Health - NIH	Federal	PI	11/1/2020	3	48.50%	90%	\$487,651	Pending
		Totals for	Meckes, Brian							\$487,651	
Yang, Yong											
20-0352 Proposal: New	Optic-nerve-head-on-a-chip Systems for Glaucomatous Neurodegeneration	Research - Basic	National Institutes of Health - NIH	Federal	PI	1/1/2021	2.91	48.50%	100%	\$454,142	Pending
		Totals for	Yang, Yong							\$454,142	
		Totals for	Biomedical Engineering							\$1,511,528	

Computer Science & Engineering

Albert, Mark

Albert, M. , Co-PI; Computer Science & Engineering; Gopal, K. , PI; Speech & Hearing Sciences; Chesky, K. , Co-PI; Instrumental Studies; Champlin, S. , Co-PI; Journalism

20-0224 Proposal: New	Reducing the Risk of Hearing Loss in Music Education Using Technical and Behavioral Interventions	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	25%	\$177,796	Pending
		Totals for	Albert, Mark							\$177,796	

Dantu, Ramanamurthy

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

20-0317 Proposal: New	University of North Texas: DoD Cybersecurity Scholarships: A Degree Pathway and Work-Skill Readiness Tool for 56 Texas Community Colleges	Research - Basic	U.S. Department of Defense - DOD	Federal	PI	6/1/2020	0.91	48.50%	50%	\$373,264	Pending
		Totals for	Dantu, Ramanamurthy							\$373,264	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Guo, Xuan											
<i>Guo, X. , PI; Mikler, A. , Co-PI; Computer Science & Engineering</i>											
20-0385 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	10/1/2020	2.5	48.50%	80%	\$339,261	Pending
Totals for Guo, Xuan										\$339,261	
Mikler, Armin											
<i>Mikler, A. , PI; Computer Science & Engineering; O'Neill, M. , Co-PI; Institute of Applied Sciences</i>											
20-0379 Proposal: Supplement	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal Flow Thru	PI	9/30/2019	0.75	31.50%	50%	\$6,720	Awarded
<i>Mikler, A. , Co-PI; Guo, X. , PI; Computer Science & Engineering</i>											
20-0385 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	10/1/2020	2.5	48.50%	20%	\$84,815	Pending
Totals for Mikler, Armin										\$91,536	
Mohanty, Saraju											
<i>Mohanty, S. , Co-PI; Computer Science & Engineering; Rout, B. , PI; Physics; Eddy, C. , Co-PI; Teacher Education & Administration; Kougianos, E. , Co-PI; Electrical Engineering</i>											
20-0287 Proposal: New	IUSE:HER:Nano-Sec: Introducing Nanoelectronics-Security Paradigms in Interdisciplinary STEM Curricula to Improve Retention, Minority Enrollment, and Employment	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	9/1/2020	2.91	48.50%	25%	\$74,904	Pending
<i>Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Electrical Engineering; Mpofo, E. , Co-PI; Disability & Addiction Rehabilitation</i>											
20-0295 Proposal: New	IUSE: EHR: Easy-Med 2.0: Introducing Security, Privacy-Assured Internet of Medical Things Course Modules in Interdisciplinary STEM Undergraduate Curricula	Research - Development	National Science Foundation - NSF	Federal	PI	9/1/2020	2.91	48.50%	40%	\$119,124	Pending
Totals for Mohanty, Saraju										\$194,028	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Thompson, Mark											
<i>Thompson, M. , Co-PI; Dantu, R. , PI; Computer Science & Engineering</i>											
20-0317 Proposal: New	University of North Texas: DoD Cybersecurity Scholarships: A Degree Pathway and Work-Skill Readiness Tool for 56 Texas Community Colleges	Research - Basic	U.S. Department of Defense - DOD	Federal	Co-PI	6/1/2020	0.91	48.50%	50%	\$373,264	Pending
Totals for Thompson, Mark										\$373,264	
Totals for Computer Science & Engineering										\$1,549,148	
Electrical Engineering											
Kougianos, Elias											
<i>Kougianos, E. , Co-PI; Electrical Engineering; Rout, B. , PI; Physics; Eddy, C. , Co-PI; Teacher Education & Administration; Mohanty, S. , Co-PI; Computer Science & Engineering</i>											
20-0287 Proposal: New	IUSE:HER:Nano-Sec: Introducing Nanoelectronics-Security Paradigms in Interdisciplinary STEM Curricula to Improve Retention, Minority Enrollment, and Employment	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	9/1/2020	2.91	48.50%	25%	\$74,904	Pending
<i>Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , PI; Computer Science & Engineering; Mpofu, E. , Co-PI; Disability & Addiction Rehabilitation</i>											
20-0295 Proposal: New	IUSE: EHR: Easy-Med 2.0: Introducing Security, Privacy-Assured Internet of Medical Things Course Modules in Interdisciplinary STEM Undergraduate Curricula	Research - Development	National Science Foundation - NSF	Federal	Co-PI	9/1/2020	2.91	48.50%	30%	\$89,343	Pending
Totals for Kougianos, Elias										\$164,247	
Li, Xinrong											
<i>Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
Totals for Li, Xinrong										\$2,231	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Electrical Engineering; Lin, Y. , PI; Physics</i>											
20-0265 Proposal: New	Collaborative Research: Holography-Guided Additive Fabrication of Programmable 3D Colloidal Devices with Electrowetting-Controlled Dosing	Research - Applied	National Science Foundation - Federal NSF		Co-PI	10/1/2020	3.91	48.50%	25%	\$75,739	Pending
Totals for										Lin, Yuankun	\$75,739
Mahbub, Ifana											
<i>Mahbub, I. , Co-PI; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace Federal Flow Thru		Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
Totals for										Mahbub, Ifana	\$2,231
Mehta, Gayatri											
<i>Mehta, G. , Co-PI; Li, X. , PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace Federal Flow Thru		Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
Totals for										Mehta, Gayatri	\$2,231
Namuduri, Kameswara Rao											
<i>Namuduri, K. , Co-PI; Li, X. , PI; Mehta, G. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace Federal Flow Thru		Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
Totals for										Namuduri, Kameswara Rao	\$2,231
Totals for										Electrical Engineering	\$248,911

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

Voevodin, Andrey

Voevodin, A. , Co-PI; Engineering - Dean's Office; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Siller Carrillo, H. , Co-PI; Engineering Technology

20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
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Totals for **Voevodin, Andrey** **\$2,231**

Totals for **Engineering - Dean's Office** **\$2,231**

Engineering Technology

Boubekri, Nourredine

20-0311 Proposal: New	TMAC GY06	Research - Basic	University of Texas at Arlington	Federal Flow Thru	PI	7/1/2020	0.91	48.50%	100%	\$610,143	Pending
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20-0354 Proposal: New	TMAC GY05	Research - Applied	University of Texas at Arlington	Federal Flow Thru	PI	3/1/2020	0.25	48.50%	100%	\$82,403	Pending
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Totals for **Boubekri, Nourredine** **\$692,546**

Huang, Zhenhua

20-0322 Proposal: New	Develop Closure Joint Materials Specification and Evaluate Performance for Side-by-Side Accelerated Bridge Construction (ABC) Superstructure Systems	Research - Basic	Texas Department of Transportation	State of TX	PI	9/1/2020	2.91	25.00%	100%	\$370,000	Pending
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Totals for **Huang, Zhenhua** **\$370,000**

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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Siller Carrillo, Hector

Siller Carrillo, H. , Co-PI; Engineering Technology; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office

20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
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Totals for **Siller Carrillo, Hector** **\$2,231**

Yu, Cheng

20-0386 Proposal: New	Analysis of Nucor Bolted Connections for Cold-Formed Steel	Research - Applied	Nucor Buildings Group	Industry	PI	3/2/2020	0.25	26.00%	100%	\$11,000	Pending
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Totals for **Yu, Cheng** **\$11,000**

Totals for **Engineering Technology** **\$1,075,777**

Materials Science & Engineering

Banerjee, Rajarshi

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

20-0387 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	6/1/2020	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. , Co-PI; Materials Science & Engineering; Meckes, B. , PI; Biomedical Engineering

20-0272 Proposal: New	Computationally-Aided Rational Protein Corona Engineering for Nanoparticle Delivery	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	11/1/2020	3	48.50%	5%	\$27,092	Pending
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Baskes, M. , Co-PI; Srivilliputhur, S. , PI; Banerjee, R. , Co-PI; Materials Science & Engineering

20-0387 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	6/1/2020	2.91	48.50%	10%	\$104,832	Pending
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Totals for **Baskes, Michael** **\$131,924**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Berman, Diana											
20-0276 Proposal: New	Enhanced lubrication and anti-infection treatment for artificial joints using injectable nanodiamonds	Research - Basic	National Institutes of Health - NIH	Federal	PI	8/15/2020	3	48.50%	100%	\$455,682	Withdrawn
<i>Berman, D. , Co-PI; Young, M. , Co-PI; D'Souza, N. , Co-PI; Materials Science & Engineering; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
Totals for Berman, Diana										\$457,913	
D'souza, Francis											
<i>D'souza, F. , Co-PI; Materials Science & Engineering; Wang, H. , PI; D'souza, F. , Co-PI; Chemistry</i>											
20-0319 Proposal: New	Largelypi-Extended Molecular Systems: Porphyrins Fused with PAHs	Research - Basic	U.S. Department of Energy - DOE	Federal	Co-PI	9/1/2020	2.91	48.50%	8%	\$63,225	Pending
Totals for D'souza, Francis										\$63,225	
D'Souza, Nandika											
<i>D'Souza, N. , Co-PI; Young, M. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	2%	\$446	Pending
Totals for D'Souza, Nandika										\$446	
Mishra, Rajiv											
20-0310 Proposal: New	Irradiation testing and examination of a dual phase stainless high entropy alloy	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	10/1/2020	2.91	48.50%	100%	\$500,001	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
20-0355 Proposal: New	Advanced Metallic Materials and Processes Innovation (SBIR): Design of tool materials to enable FSW of Ni-based superalloys Phase II Proposal	Research - Applied	QuesTek Innovations LLC	Federal Flow Thru	PI	6/1/2020	1.91	48.50%	100%	\$225,000	Pending
20-0356 Proposal: New	Solid phase joining of dissimilar alloys relevant to steam cycle applications	Research - Applied	Xymat Engineering	Federal Flow Thru	PI	1/1/2021	1.41	48.50%	100%	\$200,000	Pending
20-0365 Proposal: New	Development of solid-state magnesium composite manufacturing process for light weighting applications	Research - Applied	Enabled Engineering	Federal Flow Thru	PI	6/29/2020	0.5	48.50%	100%	\$65,000	Pending
20-0366 Proposal: New	Development of CastAdd technology for versatile and economical mass-customizable manufacturing	Research - Applied	Enabled Engineering	Federal Flow Thru	PI	8/1/2020	0.41	48.50%	100%	\$65,000	Pending
			Totals for	Mishra, Rajiv						\$1,055,001	
Srivilliputhur, Srinivasan											
<i>Srivilliputhur, S. , Co-PI; Baskes, M. , Co-PI; Materials Science & Engineering; Meckes, B. , PI; Biomedical Engineering</i>											
20-0272 Proposal: New	Computationally-Aided Rational Protein Corona Engineering for Nanoparticle Delivery	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	11/1/2020	3	48.50%	5%	\$27,092	Pending
<i>Srivilliputhur, S. , PI; Banerjee, R. , Co-PI; Baskes, M. , Co-PI; Materials Science & Engineering</i>											
20-0387 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	6/1/2020	2.91	48.50%	40%	\$419,328	Pending
			Totals for	Srivilliputhur, Srinivasan						\$446,420	

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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Xia, Zhenhai

Xia, Z. , PI; Materials Science & Engineering; Xia, Z. , Co-PI; Chemistry

20-0363 Proposal: Supplement	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	0.16	48.50%	80%	\$2,970	Pending
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Totals for **Xia, Zhenhai** **\$2,970**

Young, Marcus

20-0332 Proposal: New	Lightweight, Ultra High Compaction Bolt-On De-Orbit Device for Spacecraft	Research - Basic	L'Garde, Inc.	Federal Flow Thru	PI	9/1/2020	0.91	48.50%	100%	\$100,000	Pending
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Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology

20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace Administration - NASA	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
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Totals for **Young, Marcus** **\$102,231**

Totals for **Materials Science & Engineering** **\$2,784,291**

Mechanical & Energy Engineering

Choi, Tae-Youl

20-0345 Proposal: New	Thermal characterization of individual boron nitride nanotubes through an experimental thermal conductance and molecular dynamics analyses	Research - Basic	National Aeronautics & Space Administration - NASA	Federal	PI	9/1/2020	2.91	0.00%	100%	\$165,000	Pending
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Totals for **Choi, Tae-Youl** **\$165,000**

D'Souza, Nandika

D'Souza, N. , Co-PI; Sadat Hosseini, S. , Co-PI; Mechanical & Energy Engineering; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology

20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace Administration - NASA	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	8%	\$1,785	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	D'Souza, Nandika						\$1,785	
Jiang, Yijie											
20-0103 Proposal: New	3D printable biocomposites using corn waste and byproducts	Research - Applied	U.S. Department of Agriculture - USDA	Federal	PI	9/5/2020	4	48.50%	100%	\$499,404	Pending
			Totals for	Jiang, Yijie						\$499,404	
Sadat Hosseini, Seyed Hamid											
<i>Sadat Hosseini, S. , Co-PI; D'Souza, N. , Co-PI; Mechanical & Energy Engineering; Li, X. , PI; Mehta, G. , Co-PI; Namuduri, K. , Co-PI; Mahbub, I. , Co-PI; Electrical Engineering; Young, M. , Co-PI; D'Souza, N. , Co-PI; Berman, D. , Co-PI; Materials Science & Engineering; Voevodin, A. , Co-PI; Engineering - Dean's Office; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
20-0346 Proposal: New	Development and Exploration of Technology Concepts for Unmanned Aerial Systems	Research - Applied	National Institute of Aerospace	Federal Flow Thru	Co-PI	3/1/2020	0.16	0.00%	10%	\$2,231	Pending
20-0349 Proposal: New	Influence of left ventricle assist devices on bio-transport processes in calcific aortic valve disease	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2020	2.91	48.50%	100%	\$355,073	Pending
			Totals for	Sadat Hosseini, Seyed Hamid						\$357,304	
Shi, Sheldon											
<i>Shi, S. , Co-PI; Zhao, W. , PI; Mechanical & Energy Engineering</i>											
20-0318 Proposal: New	Development of Multi-Melting Point Hybrid Phase Change Material Based Biodegradable Insulation	Research - Development	Z&S Tech, LLC.	Federal Flow Thru	Co-PI	6/29/2020	1	48.50%	50%	\$32,918	Pending
20-0361 Proposal: New	Biodegradable, light weight natural fiber Electromagnetic Interference shielding composites for protection in autonomous vehicles	Research - Applied	Predictive Design Technologies	Federal Flow Thru	PI	9/1/2020	0.91	48.50%	100%	\$107,608	Pending
			Totals for	Shi, Sheldon						\$140,526	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Zhang, Haifeng											
20-0281 Proposal: New	Development of an Immersion Differential Pressure Level Sensor for Advanced Liquid Metal-cooled Fast Reactors	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	10/1/2020	2.91	48.50%	100%	\$800,001	Pending
20-0283 Proposal: New	In Situ Quality Control of Additively Manufactured Metallic Nuclear Components using the Ultrasound-Based SMART Platform	Research - Basic	Pennsylvania State University	Federal Flow Thru	PI	10/1/2020	2.91	48.50%	100%	\$210,872	Pending
			Totals for	Zhang, Haifeng						\$1,010,873	
Zhao, Weihuan											
<i>Zhao, W. , PI; Shi, S. , Co-PI; Mechanical & Energy Engineering</i>											
20-0318 Proposal: New	Development of Multi-Melting Point Hybrid Phase Change Material Based Biodegradable Insulation	Research - Development	Z&S Tech, LLC.	Federal Flow Thru	PI	6/29/2020	1	48.50%	50%	\$32,918	Pending
			Totals for	Zhao, Weihuan						\$32,918	
			Totals for	Mechanical & Energy Engineering						\$2,207,810	
			Totals for	College of Engineering						\$9,379,695	
College of Health & Public Service											
Criminal Justice											
Craig, Jessica											
<i>Craig, J. , Co-PI; Criminal Justice; Baker, C. , PI; Social Work</i>											
20-0358 Proposal: New	Violence Against Women Justice and Training Program	Research - Applied	Denton County Friends of the Family, Inc.	State of TX Flow Thru	Co-PI	9/1/2020	1.08	48.50%	50%	\$2,494	Pending
			Totals for	Craig, Jessica						\$2,494	
			Totals for	Criminal Justice						\$2,494	

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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Disability & Addiction Rehabilitation

Mpofu, Elias

Mpofu, E. , Co-PI; Disability & Addiction Rehabilitation; Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Electrical Engineering

20-0295 Proposal: New	IUSE: EHR: Easy-Med 2.0: Introducing Security, Privacy-Assured Internet of Medical Things Course Modules in Interdisciplinary STEM Undergraduate Curricula	Research - Development	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	30%	\$89,343	Pending
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Totals for **Mpofu, Elias** **\$89,343**

O'Neill, Liam

O'Neill, L. , Co-PI; Prybutok, G. , Co-PI; Disability & Addiction Rehabilitation; Olness, G. , PI; Speech & Hearing Sciences; Dietz, T. , Co-PI; Management; Seckin, G. , Co-PI; Sociology

20-0236 Proposal: New	North Texans With Aphasia: The Landscape They Navigate Toward Health and Quality of Life	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	19%	\$137,572	Pending
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Totals for **O'Neill, Liam** **\$137,572**

Prybutok, Gayle

Prybutok, G. , Co-PI; O'Neill, L. , Co-PI; Disability & Addiction Rehabilitation; Olness, G. , PI; Speech & Hearing Sciences; Dietz, T. , Co-PI; Management; Seckin, G. , Co-PI; Sociology

20-0236 Proposal: New	North Texans With Aphasia: The Landscape They Navigate Toward Health and Quality of Life	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	19%	\$137,572	Pending
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Totals for **Prybutok, Gayle** **\$137,572**

Totals for **Disability & Addiction Rehabilitation** **\$364,487**

Emergency Management & Disaster Science

Zavar, Elyse

20-0303 Proposal: New	NASEM Early Career Fellowship	Research - Basic	The National Academies of Sciences, Engineering, and Medicine	Not for Profit	PI	9/1/2020	1.91	0.00%	100%	\$75,000	Pending
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Totals for **Zavar, Elyse** **\$75,000**

Totals for **Emergency Management & Disaster Science** **\$75,000**

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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Social Work

Baker, Cassidy

Baker, C. , PI; Social Work; Craig, J. , Co-PI; Criminal Justice

20-0358 Proposal: New	Violence Against Women Justice and Training Program	Research - Applied	Denton County Friends of the Family, Inc.	State of TX Flow Thru	PI	9/1/2020	1.08	48.50%	50%	\$2,494	Pending
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Totals for **Baker, Cassidy** **\$2,494**

Horton, Karla

Horton, K. , Co-PI; Mukherjee, D. , PI; Social Work; Champlin, S. , Co-PI; Journalism

20-0201 Proposal: New	Developing-evaluating a training curriculum to improve outcome for at-risk youth	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	30%	\$201,725	Pending
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Totals for **Horton, Karla** **\$201,725**

Mukherjee, Dhrubodhi

Mukherjee, D. , PI; Horton, K. , Co-PI; Social Work; Champlin, S. , Co-PI; Journalism

20-0201 Proposal: New	Developing-evaluating a training curriculum to improve outcome for at-risk youth	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	PI	9/1/2020	1.91	48.50%	40%	\$268,967	Pending
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Totals for **Mukherjee, Dhrubodhi** **\$268,967**

Totals for **Social Work** **\$473,186**

Speech & Hearing Sciences

Gopal, Kamakshi

Gopal, K. , PI; Speech & Hearing Sciences; Chesky, K. , Co-PI; Instrumental Studies; Champlin, S. , Co-PI; Journalism; Albert, M. , Co-PI; Computer Science & Engineering

20-0224 Proposal: New	Reducing the Risk of Hearing Loss in Music Education Using Technical and Behavioral Interventions	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	PI	9/1/2020	1.91	48.50%	25%	\$177,796	Pending
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Totals for **Gopal, Kamakshi** **\$177,796**

Kirby, Benjamin

20-0374 Proposal: New	Impact of Psychophysical Paradigm on Spectral Ripple Discrimination in Children	Research - Basic	Texas Speech Language Hearing Foundation	Foundation	PI	1/22/2020	0.91	0.00%	100%	\$1,300	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
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Totals for **Kirby, Benjamin** **\$1,300**

Miller, Sharon

20-0285 Proposal: New	The Role of Attention in Speech-in-Noise Processing in Young Adults with Autism Spectrum Disorder	Research - Basic	Organization for Autism Research	Not for Profit	PI	7/1/2020	0.91	0.00%	100%	\$2,000	Pending
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Totals for **Miller, Sharon** **\$2,000**

Olness, Gloria

Olness, G. , PI; Speech & Hearing Sciences; Dietz, T. , Co-PI; Management; Seckin, G. , Co-PI; Sociology; Prybutok, G. , Co-PI; O'Neill, L. , Co-PI; Disability & Addiction Rehabilitation

20-0236 Proposal: New	North Texans With Aphasia: The Landscape They Navigate Toward Health and Quality of Life	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	PI	9/1/2020	1.91	48.50%	24%	\$173,775	Pending
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Totals for **Olness, Gloria** **\$173,775**

Totals for **Speech & Hearing Sciences** **\$354,872**

Totals for **College of Health & Public Service** **\$1,270,039**

College of Information Learning Technologies

Hayes, Aleshia

Hayes, A. , Co-PI; Lin, L. , Co-PI; Learning Technologies; Eutsler, L. , PI; Eddy, C. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration

20-0226 Proposal: New	Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Development of an Integrated STEM Curriculum Using Disciplinary Literacy	Research - Basic	Spencer Foundation	Foundation	Co-PI	8/16/2021	4.91	15.00%	5%	\$23,556	Pending
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Totals for **Hayes, Aleshia** **\$23,556**

Lin, Lin

Lin, L. , Co-PI; Hayes, A. , Co-PI; Learning Technologies; Eutsler, L. , PI; Eddy, C. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration

20-0226 Proposal: New	Leveling the Playing Field: Expanding STEMagination of Middle-Grades Females through the Development of an Integrated STEM Curriculum Using Disciplinary Literacy	Research - Basic	Spencer Foundation	Foundation	Co-PI	8/16/2021	4.91	15.00%	15%	\$70,667	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	Lin, Lin							\$70,667	
		Totals for	Learning Technologies							\$94,223	
		Totals for	College of Information							\$94,223	

**College of Liberal Arts & Soci
Geography**

Liang, Lu

20-0348 Proposal: New	Investigating the Patterns and Determinants of PM2.5 Dynamics Using Geospatial and Portable Sensing Technologies	Research - Applied	Midwestern State University	Not for Profit Flow Thru	PI	4/1/2020	0.33	0.00%	100%	\$1,250	Awarded
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Totals for **Liang, Lu** \$1,250

Wolverton, Steven

Wolverton, S. , Co-PI; Geography; Johnson, J. , PI; Advanced Environmental Research Institute (AERI); Kim, T. , Co-PI; BioDiscovery Institute

20-0151 Proposal: New	Collaborative Research: Developing Genetic Approaches for the Zooarchaeological Study of Population Dynamics in the Mesa Verde region	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	27.5%	\$46,683	Pending
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Totals for **Wolverton, Steven** \$46,683

Totals for **Geography** \$47,933

Psychology

Ruggero, Camilo

20-0341 Proposal: Resubmissio	Development of Negative Valence Measures	Research - Basic	State University of New York at Buffalo	Federal Flow Thru	PI	9/1/2020	4.91	48.50%	100%	\$429,107	Pending
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Totals for **Ruggero, Camilo** \$429,107

Totals for **Psychology** \$429,107

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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Sociology

Seckin, Gul

Seckin, G. , Co-PI; Sociology; Olness, G. , PI; Speech & Hearing Sciences; Dietz, T. , Co-PI; Management; Prybutok, G. , Co-PI; O'Neill, L. , Co-PI; Disability & Addiction Rehabilitation

20-0236 Proposal: New	North Texans With Aphasia: The Landscape They Navigate Toward Health and Quality of Life	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	19%	\$137,572	Pending
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Totals for **Seckin, Gul** **\$137,572**

Totals for **Sociology** **\$137,572**

Totals for **College of Liberal Arts & Soci** **\$614,612**

College of Music

Instrumental Studies

Chesky, Kris

Chesky, K. , Co-PI; Instrumental Studies; Gopal, K. , PI; Speech & Hearing Sciences; Champlin, S. , Co-PI; Journalism; Albert, M. , Co-PI; Computer Science & Engineering

20-0224 Proposal: New	Reducing the Risk of Hearing Loss in Music Education Using Technical and Behavioral Interventions	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	25%	\$177,796	Pending
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Totals for **Chesky, Kris** **\$177,796**

Totals for **Instrumental Studies** **\$177,796**

Totals for **College of Music** **\$177,796**

College of Science

BioDiscovery Institute

Kim, Tracy

Kim, T. , Co-PI; BioDiscovery Institute; Johnson, J. , PI; Advanced Environmental Research Institute (AERI); Wolverson, S. , Co-PI; Geography

20-0151 Proposal: New	Collaborative Research: Developing Genetic Approaches for the Zooarchaeological Study of Population Dynamics in the Mesa Verde region	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	2.91	48.50%	27.5%	\$46,683	Pending
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Totals for **Kim, Tracy** **\$46,683**

Totals for **BioDiscovery Institute** **\$46,683**

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											
20-0359 Proposal: New	Global analysis of gene expression in Arabidopsis plants treated with a biostimulant	Research - Basic	Agricen Sciences, Inc.	Industry	PI	3/1/2020	0.25	48.50%	100%	\$16,709	Pending
		Totals for	Antunes, Mauricio							\$16,709	
Ayre, Brian											
<i>Ayre, B. , PI; McGarry, R. , Co-PI; Biological Sciences</i>											
20-0325 Proposal: New	Redesigning the cotton plant's architecture to improve yield and quality	Research - Basic	Cotton Incorporated	Not for Profit	PI	1/1/2020	0.91	15.00%	50%	\$25,000	Awarded
		Totals for	Ayre, Brian							\$25,000	
Azad, Rajeev											
<i>Azad, R. , PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
19-0499 Proposal: New	A genome-enabled computational framework for unraveling bacterial pathogenicity	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2020	2.91	48.50%	60%	\$260,150	Pending
<i>Azad, R. , PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
20-0378 Proposal: New	NSF/MCB-BSF: Multifactorial Stress Responses of Plant and Animal Cells	Research - Basic	University of Missouri-Columbia	Federal Flow Thru	PI	10/1/2020	3.91	48.50%	60%	\$60,007	Pending
		Totals for	Azad, Rajeev							\$320,158	
Burggren, Warren											
<i>Burggren, W. , PI; Padilla, P. , Co-PI; Biological Sciences</i>											
20-0214 Proposal: New	Non-Genetic Inheritance of Hypoxia Tolerance in Fishes: Dynamics and Mechanisms	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2020	3.91	48.50%	50%	\$445,048	Pending
		Totals for	Burggren, Warren							\$445,048	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Chapman, Kent											
20-0266 Proposal: New	The Genetic Transformation of Cotton	Research - Applied	Cotton Incorporated	Not for Profit	PI	1/1/2020	0.91	15.00%	100%	\$100,000	Awarded
		Totals for	Chapman, Kent							\$100,000	
McGarry, Roisin											
<i>McGarry, R. , Co-PI; Ayre, B. , PI; Biological Sciences</i>											
20-0325 Proposal: New	Redesigning the cotton plant's architecture to improve yield and quality	Research - Basic	Cotton Incorporated	Not for Profit	Co-PI	1/1/2020	0.91	15.00%	50%	\$25,000	Awarded
		Totals for	McGarry, Roisin							\$25,000	
Padilla, Pamela											
<i>Padilla, P. , Co-PI; Burggren, W. , PI; Biological Sciences</i>											
20-0214 Proposal: New	Non-Genetic Inheritance of Hypoxia Tolerance in Fishes: Dynamics and Mechanisms	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	3.91	48.50%	50%	\$445,048	Pending
		Totals for	Padilla, Pamela							\$445,048	
Shulaev, Vladimir											
<i>Shulaev, V. , Co-PI; Wang, X. , PI; Biological Sciences</i>											
20-0268 Proposal: New	Structural and mechanistic studies of plant cytochrome P450s toward bioactive natural products	Research - Basic	National Institutes of Health - Federal NIH		Co-PI	10/1/2020	4.91	48.50%	40%	\$742,500	Pending
		Totals for	Shulaev, Vladimir							\$742,500	
Wang, Xiaoqiang											
<i>Wang, X. , PI; Shulaev, V. , Co-PI; Biological Sciences</i>											
20-0268 Proposal: New	Structural and mechanistic studies of plant cytochrome P450s toward bioactive natural products	Research - Basic	National Institutes of Health - Federal NIH		PI	10/1/2020	4.91	48.50%	60%	\$1,113,750	Pending
		Totals for	Wang, Xiaoqiang							\$1,113,750	
		Totals for	Biological Sciences							\$3,233,213	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Chemistry											
Cundari, Thomas											
20-0301 Proposal: New	CCI Phase I: NSF Center for Data-Driven Catalysis (CDDC)	Research - Basic	Michigan State University	Federal Flow Thru	PI	9/1/2020	2.91	48.50%	100%	\$178,651	Pending
		Totals for	Cundari, Thomas							\$178,651	
D'souza, Francis											
<i>D'souza, F. , Co-PI; Wang, H. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
20-0319 Proposal: New	Largelypi-Extended Molecular Systems: Porphyrins Fused with PAHs	Research - Basic	U.S. Department of Energy - DOE	Federal	Co-PI	9/1/2020	2.91	48.50%	32%	\$252,900	Pending
		Totals for	D'souza, Francis							\$252,900	
Golden, Teresa											
20-0329 Proposal: New	A Nickel-nanocomposite Coating with Polymer-filled Microcapsules for UV and Corrosion Protection against Lunar Dust	Research - Applied	National Aeronautics & Space Administration - NASA	Federal	PI	9/1/2020	2.91	0.00%	100%	\$165,000	Pending
		Totals for	Golden, Teresa							\$165,000	
Marshall, Paul											
20-0243 Proposal: New	Chemistry of ammonia-based fuels	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	9/1/2020	2.91	48.50%	100%	\$315,289	Pending
		Totals for	Marshall, Paul							\$315,289	
Wang, Hong											
<i>Wang, H. , PI; D'souza, F. , Co-PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
20-0319 Proposal: New	Largelypi-Extended Molecular Systems: Porphyrins Fused with PAHs	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	9/1/2020	2.91	48.50%	60%	\$474,187	Pending
		Totals for	Wang, Hong							\$474,187	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Xia, Zhenhai											
<i>Xia, Z. , Co-PI; Chemistry; Xia, Z. , PI; Materials Science & Engineering</i>											
20-0363 Proposal: Supplement	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2020	0.16	48.50%	20%	\$743	Pending
Totals for										Xia, Zhenhai	\$743
Totals for										Chemistry	\$1,386,769
Institute of Applied Sciences											
O'Neill, Martin											
<i>O'Neill, M. , Co-PI; Institute of Applied Sciences; Mikler, A. , PI; Computer Science & Engineering</i>											
20-0379 Proposal: Supplement	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal Flow Thru	Co-PI	9/30/2019	0.75	31.50%	50%	\$6,720	Awarded
Totals for										O'Neill, Martin	\$6,720
Totals for										Institute of Applied Sciences	\$6,720
Mathematics											
Azad, Rajeev											
<i>Azad, R. , Co-PI; Mathematics; Azad, R. , PI; Biological Sciences</i>											
19-0499 Proposal: New	A genome-enabled computational framework for unraveling bacterial pathogenicity	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	9/1/2020	2.91	48.50%	40%	\$173,434	Pending
<i>Azad, R. , Co-PI; Mathematics; Azad, R. , PI; Biological Sciences</i>											
20-0378 Proposal: New	NSF/MCB-BSF: Multifactorial Stress Responses of Plant and Animal Cells	Research - Basic	University of Missouri-Columbia	Federal Flow Thru	Co-PI	10/1/2020	3.91	48.50%	40%	\$40,005	Pending
Totals for										Azad, Rajeev	\$213,438
Totals for										Mathematics	\$213,438

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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Physics

Lin, Yuankun

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

20-0265 Proposal: New	Collaborative Research: Holography-Guided Additive Fabrication of Programmable 3D Colloidal Devices with Electrowetting-Controlled Dosing	Research - Applied	National Science Foundation - Federal NSF	PI		10/1/2020	3.91	48.50%	75%	\$227,216	Pending
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Totals for **Lin, Yuankun** **\$227,216**

Rout, Bibhudutta

Rout, B. , PI; Physics; Eddy, C. , Co-PI; Teacher Education & Administration; Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , Co-PI; Computer Science & Engineering

20-0287 Proposal: New	IUSE:HER:Nano-Sec: Introducing Nanoelectronics-Security Paradigms in Interdisciplinary STEM Curricula to Improve Retention, Minority Enrollment, and Employment	Research - Basic	National Science Foundation - Federal NSF	PI		9/1/2020	2.91	48.50%	25%	\$74,904	Pending
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Totals for **Rout, Bibhudutta** **\$74,904**

Totals for **Physics** **\$302,121**

Totals for **College of Science** **\$5,188,943**

College of Visual Arts & Design

Design

West, Ruth

20-0360 Proposal: New	Collaborative Research: NRI: FND: Grounded Reasoning about Robot Capabilities for Law and Policy	Research - Basic	National Science Foundation - Federal NSF	PI		9/15/2020	3	48.50%	100%	\$166,109	Pending
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Totals for **West, Ruth** **\$166,109**

Totals for **Design** **\$166,109**

Totals for **College of Visual Arts & Design** **\$166,109**

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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Mayborn School of Journalism

Journalism

Champlin, Sara

Champlin, S. , Co-PI; Journalism; Mukherjee, D. , PI; Horton, K. , Co-PI; Social Work

20-0201 Proposal: New	Developing-evaluating a training curriculum to improve outcome for at-risk youth	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	30%	\$201,725	Pending
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Champlin, S. , Co-PI; Journalism; Gopal, K. , PI; Speech & Hearing Sciences; Chesky, K. , Co-PI; Instrumental Studies; Albert, M. , Co-PI; Computer Science & Engineering

20-0224 Proposal: New	Reducing the Risk of Hearing Loss in Music Education Using Technical and Behavioral Interventions	Research - Basic	Communities Foundation of Texas	Foundation Flow Thru	Co-PI	9/1/2020	1.91	48.50%	25%	\$177,796	Pending
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Totals for **Champlin, Sara** **\$379,522**

Totals for **Journalism** **\$379,522**

Totals for **Mayborn School of Journalism** **\$379,522**

Admin

Police Services

Windham, Scott

20-0357 Proposal: New	Rifle Body Armor Grant	Public Service	Office of the Governor (OOG) State of TX		PI	9/1/2020	0.91	0.00%	100%	\$19,650	Pending
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Totals for **Windham, Scott** **\$19,650**

Totals for **Police Services** **\$19,650**

Totals for **Admin** **\$19,650**

Research & Innovation

Advanced Environmental Research Institute (AERI)

Johnson, Jeff

Johnson, J. , PI; Advanced Environmental Research Institute (AERI); Wolverton, S. , Co-PI; Geography; Kim, T. , Co-PI; BioDiscovery Institute

20-0151 Proposal: New	Collaborative Research: Developing Genetic Approaches for the Zooarchaeological Study of Population Dynamics in the Mesa Verde region	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	45%	\$76,390	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
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Totals for **Johnson, Jeff** \$76,390

Lund, Amie

20-0288 Proposal: New	Particulate Matter-Exposure Promotes Alterations in Lipid Raft Caveolin-Mediated Angiotensin Receptor Expression and Resulting Amyloid Beta Production.	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2020	1.91	48.50%	100%	\$297,000	Pending
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Totals for **Lund, Amie** \$297,000

Totals for **Advanced Environmental Research Institute (AERI)** \$373,390

Logistics Systems Institute (LSI)

Hong, Seock

Hong, S. , PI; Logistics Systems Institute (LSI); Bomba, M. , Co-PI; Niranjana, S. , Co-PI; Marketing & Logistics

20-0269 Proposal: New	General Analysis of Relationship Between Air Services and Economic Development	Research - Applied	Campbell-Hill Aviation Group, LLC	Not for Profit Flow Thru	PI	7/9/2020	1.5	26.00%	37%	\$41,515	Pending
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Totals for **Hong, Seock** \$41,515

Totals for **Logistics Systems Institute (LSI)** \$41,515

Totals for **Research & Innovation** \$414,905

University Library

Special Libraries

Gieringer, Morgan

20-0372 Proposal: New	Project Title: Byrd Williams Family Photography Collection Digitization Project - Phase II	Public Service	Texas State Library and Archives Commission - TSLAC	State of TX	PI	9/1/2020	0.91	31.50%	100%	\$24,914	Pending
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Totals for **Gieringer, Morgan** \$24,914

Totals for **Special Libraries** \$24,914

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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University Library - General

Hicks, William

20-0340 Proposal: New	Making Audio/Visual Digital Collections Content Accessible for All Texans	Public Service	Texas State Library and Archives Commission - TSLAC	State of TX	PI	9/1/2020	0.91	31.50%	100%	\$74,996	Pending
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Totals for	Hicks, William									\$74,996	
Totals for	University Library - General									\$74,996	
Totals for	University Library									\$99,910	
Totals for	UNT									\$18,785,382	
Totals for	February FY2020:									\$18,785,382	