

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

Proposals Total by College	September 2018	September 2019	YTD FY2019	YTD FY2020
College of Business	\$ -	\$ 118,591	\$ -	\$ 118,591
College of Education	\$ 179,916	\$ 1,735,998	\$ 179,916	\$ 1,735,998
College of Engineering	\$ 6,325,475	\$ 3,351,657	\$ 6,325,475	\$ 3,351,657
College of Health & Public Service (prev. PACS)	\$ -	\$ 1,860,185	\$ -	\$ 1,860,185
College of Information	\$ 1,827,990	\$ 793,837	\$ 1,827,990	\$ 793,837
College of Liberal Arts & Social Sciences	\$ 2,910,792	\$ 331,004	\$ 2,910,792	\$ 331,004
College of Merchandising Hospitality and Tourism	\$ -	\$ 404,323	\$ -	\$ 404,323
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ 5,206,144	\$ 3,725,147	\$ 5,206,144	\$ 3,725,147
College of Visual Arts and Design	\$ -	\$ -	\$ -	\$ -
School of Journalism	\$ 120,090	\$ -	\$ 120,090	\$ -
Other ¹	\$ 524,552	\$ 314,291	\$ 524,552	\$ 314,291
Grand Total:	\$ 17,094,960	\$ 12,635,032	\$ 17,094,960	\$ 12,635,032

Proposals Total by Category

Instruction	\$ 62,748	\$ -	\$ 62,748	\$ -
Public Service	\$ 425,630	\$ 600,000	\$ 425,630	\$ 600,000
Research (Applied, Basic, Development)	\$ 16,606,582	\$ 12,035,032	\$ 16,606,582	\$ 12,035,032
Other ²	\$ -	\$ -	\$ -	\$ -
Grand Total:	\$ 17,094,960	\$ 12,635,032	\$ 17,094,960	\$ 12,635,032

Proposals Total by Source of Funding

Federal	\$ 15,030,949	\$ 10,483,283	\$ 15,030,949	\$ 10,483,283
Private	\$ 1,855,298	\$ 1,551,749	\$ 1,855,298	\$ 1,551,749
State	\$ 208,712	\$ 600,000	\$ 208,712	\$ 600,000
Grand Total:	\$ 17,094,960	\$ 12,635,032	\$ 17,094,960	\$ 12,635,032

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, September FY2020

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

College of Business

Marketing & Logistics

Hawkins, Timothy

19-0539 Proposal: New	Why, Did I Lose?: Debriefing Quality and its Effects on Justice, Protests, and Sales Loss Attributions	Research - Applied	U.S. Department of Defense - DOD	Federal	Co-PI	1/1/2020	1.33	48.50%	100%	\$118,591	Declined
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Totals for **Hawkins, Timothy** **\$118,591**

Totals for **Marketing & Logistics** **\$118,591**

Totals for **College of Business** **\$118,591**

College of Education

Educational Psychology

Hodges, Jaret

Hodges, J. , Co-PI; Mun, R. , PI; Rinn-McCann, A. , Co-PI; Educational Psychology

19-0627 Proposal: New	Research and Development Center UNT: Improving Access, Instruction, and Outcomes in Gifted Education	Research - Development	University of Washington	Federal Flow Thru	Co-PI	7/1/2020	4.91	26.00%	33%	\$325,439	Pending
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Totals for **Hodges, Jaret** **\$325,439**

Mun, Rachel

Mun, R. , PI; Rinn-McCann, A. , Co-PI; Hodges, J. , Co-PI; Educational Psychology

19-0627 Proposal: New	Research and Development Center UNT: Improving Access, Instruction, and Outcomes in Gifted Education	Research - Development	University of Washington	Federal Flow Thru	PI	7/1/2020	4.91	26.00%	34%	\$335,301	Pending
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Totals for **Mun, Rachel** **\$335,301**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Rinn-McCann, Anne											
<i>Rinn-McCann, A. , Co-PI; Mun, R. , PI; Hodges, J. , Co-PI; Educational Psychology</i>											
19-0627 Proposal: New	Research and Development Center UNT: Improving Access, Instruction, and Outcomes in Gifted Education	Research - Development	University of Washington	Federal Flow Thru	Co-PI	7/1/2020	4.91	26.00%	33%	\$325,439	Pending
Totals for										Rinn-McCann, Anne	\$325,439
Totals for										Educational Psychology	\$986,179
Teacher Education & Administration											
Hoffman, James											
<i>Hoffman, J. , Co-PI; Sailors, M. , PI; Teacher Education & Administration</i>											
20-0033 Proposal: Transfer (PI)	Better Education Through Teacher Training and Empowerment for Results (BETTER)	Research - Applied	Canadian Organization for Development through Education (CODE)	Foreign	Co-PI	9/1/2019	1.08	12.00%	50%	\$66,380	Pending
<i>Hoffman, J. , Co-PI; Sailors, M. , PI; Teacher Education & Administration</i>											
20-0035 Proposal: New	Transforming teacher preparation: Literacy mentoring in hybrid spaces as a pathway to innovative teaching	Research - Applied	Canadian Organization for Development through Education (CODE)	Foreign	Co-PI	1/1/2020	3.33	13.00%	50%	\$143,797	Declined
Totals for										Hoffman, James	\$210,177
King, Kelley											
19-0629 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	7/1/2020	2.91	48.50%	100%	\$294,900	Declined
Totals for										King, Kelley	\$294,900
Sailors, Misty											
19-0654 Proposal: New	K-3 Stem Foundations: Life Science.	Research - Basic	Baylor College of Medicine	Federal Flow Thru	PI	9/1/2019	0.91	8.00%	100%	\$34,565	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<i>Sailors, M. , PI; Hoffman, J. , Co-PI; Teacher Education & Administration</i>												
20-0033 Proposal: Transfer (PI)	Better Education Through Teacher Training and Empowerment for Results (BETTER)	Research - Applied	Canadian Organization for Development through Education (CODE)	Foreign	PI	9/1/2019	1.08	12.00%	50%	\$66,380	Pending	
<i>Sailors, M. , PI; Hoffman, J. , Co-PI; Teacher Education & Administration</i>												
20-0035 Proposal: New	Transforming teacher preparation: Literacy mentoring in hybrid spaces as a pathway to innovative teaching	Research - Applied	Canadian Organization for Development through Education (CODE)	Foreign	PI	1/1/2020	3.33	13.00%	50%	\$143,797	Declined	
	Totals for		Sailors, Misty							\$244,742		
	Totals for		Teacher Education & Administration								\$749,819	
	Totals for		College of Education								\$1,735,998	

College of Engineering

Biomedical Engineering

Albert, Mark

Albert, M. , Co-PI; Biomedical Engineering; Albert, M. , PI; Computer Science & Engineering

19-0635 Proposal: New	Technologies to Evaluate and Advance Manipulation and Mobility (TEAMM)-RERC	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	Co-PI	9/30/2019	1	26.00%	10%	\$1,947	Pending
	Totals for		Albert, Mark							\$1,947	

Li, Lin

20-0002 Proposal: New	Alzheimer's Disease Detection using fNIRS	Research - Applied	Vox Biomedical	Federal Flow Thru	PI	3/1/2020	0.91	48.50%	100%	\$34,354	Pending	
	Totals for		Li, Lin							\$34,354		
	Totals for		Biomedical Engineering								\$36,301	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Computer Science & Engineering											
Albert, Mark											
<i>Albert, M. , PI; Computer Science & Engineering; Albert, M. , Co-PI; Biomedical Engineering</i>											
19-0635 Proposal: New	Technologies to Evaluate and Advance Manipulation and Mobility (TEAMM)-RERC	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	PI	9/30/2019	1	26.00%	90%	\$17,521	Pending
		Totals for	Albert, Mark							\$17,521	
Bhowmick, Sanjukta											
20-0015 Proposal: New	Collaborative Research: SHF Core: Medium: NetSplicer: Scalable Decoupling-based Algorithms for Multilayer Network Analysis	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	48.50%	100%	\$320,043	Pending
		Totals for	Bhowmick, Sanjukta							\$320,043	
Buckles, Bill											
<i>Buckles, B. , Co-PI; Computer Science & Engineering; Srivilliputhur, S. , PI; Materials Science & Engineering; John, K. , Co-PI; Zhang, Z. , Co-PI; Mechanical & Energy Engineering; Baker, R. , Co-PI; Learning Technologies</i>											
19-0684 Proposal: Resubmissio	RET Site: Materials science, energy conservation, and experimental design: lessons and applications for high school educators using public domain simulation tools	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/14/2020	3	48.50%	0%	\$0	Declined
		Totals for	Buckles, Bill							\$0	
Gulur, Nagendra											
<i>Gulur, N. , Co-PI; Kavi, K. , PI; Computer Science & Engineering</i>											
19-0664 Proposal: New	EMPOWER: High-Performance, Low-Power and Fully Programmable Neural Network Architecture	Research - Basic	Semiconductor Research Corporation	Not for Profit	Co-PI	1/1/2020	2.91	48.50%	50%	\$133,796	Awarded
		Totals for	Gulur, Nagendra							\$133,796	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Kavi, Krishna											
<i>Kavi, K. , PI; Guler, N. , Co-PI; Computer Science & Engineering</i>											
19-0664 Proposal: New	EMPOWER: High-Performance, Low-Power and Fully Programmable Neural Network Architecture	Research - Basic	Semiconductor Research Corporation	Not for Profit	PI	1/1/2020	2.91	48.50%	50%	\$133,796	Awarded
Totals for										Kavi, Krishna	\$133,796
Mikler, Armin											
<i>Mikler, A. , Co-PI; Ramisetty-Mikler, S. , PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography</i>											
20-0018 Proposal: New	Are U counting US for the Most Inclusive Census 2020?	Research - Applied	Hogg Foundation for Mental Health	Not for Profit	Co-PI	12/1/2019	0.66	10.00%	15%	\$11,250	Declined
Totals for										Mikler, Armin	\$11,250
Ramisetty-Mikler, Suhasini											
<i>Ramisetty-Mikler, S. , PI; Mikler, A. , Co-PI; Computer Science & Engineering; Tiwari, C. , Co-PI; Geography</i>											
20-0018 Proposal: New	Are U counting US for the Most Inclusive Census 2020?	Research - Applied	Hogg Foundation for Mental Health	Not for Profit	PI	12/1/2019	0.66	10.00%	70%	\$52,498	Declined
Totals for										Ramisetty-Mikler, Suhasini	\$52,498
Yang, Qing											
<i>Yang, Q. , Co-PI; Computer Science & Engineering; Shi, Y. , PI; Public Administration</i>											
19-0669 Proposal: New	SCC-PG: Building technology-enhanced and connected cities in a metropolitan region through smart governance and technology implementation	Research - Basic	National Science Foundation - Federal NSF		Co-PI	1/1/2020	0.91	48.50%	20%	\$30,000	Withdrawn
Totals for										Yang, Qing	\$30,000
Totals for										Computer Science & Engineering	\$698,903

Electrical Engineering

Namuduri, Kameswara Rao

Namuduri, K. , PI; Electrical Engineering; Andrew, S. , Co-PI; Public Administration; Habib, A. , Co-PI; Information Science

19-0614 Proposal: New	SCC-IRG Track 2: Building an Ecosystem for Emergency Preparedness	Research - Basic	National Science Foundation - Federal NSF		PI	4/1/2020	2.91	48.50%	50%	\$749,859	Pending
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Namuduri, K. , Co-PI; Electrical Engineering; Habib, A. , PI; IPACS; Monticino, M. , Co-PI; Physics</i>											
19-0665 Proposal: New	SCC-PG: Building DFW Mobility Data Standard Alliance	Research - Applied	National Science Foundation - Federal NSF		Co-PI	4/1/2020	0.91	48.50%	33%	\$44,939	Declined
Totals for			Namuduri, Kameswara Rao							\$794,798	
Sun, Hua											
20-0026 Proposal: New	Collaborative Research: CIF: Medium: Cache-aided Private Computing: Fundamental Limits and Practical Algorithms	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2020	3.91	48.50%	100%	\$330,206	Pending
Totals for			Sun, Hua							\$330,206	
Totals for			Electrical Engineering							\$1,125,004	
Engineering Technology											
Manzo, Maurizio											
20-0001 Proposal: New	Design, Development, and Testing of Optical Sensors for Temperature and Shear Stress Measurements in a Thermo-Fluid Mechanics Laboratory Setting	Research - Applied	Lockheed Martin Corporation	Industry	PI	10/1/2019	0.58	0.00%	100%	\$5,000	Pending
Totals for			Manzo, Maurizio							\$5,000	
Totals for			Engineering Technology							\$5,000	
Materials Science & Engineering											
Berman, Diana											
20-0007 Proposal: New	Design of gas sensing system	Research - Basic	Argonne National Laboratory - Federal ANL		PI	10/1/2019	0.58	48.50%	100%	\$7,425	Awarded
Totals for			Berman, Diana							\$7,425	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Choi, Wobong											
<i>Choi, W. , Co-PI; Materials Science & Engineering; Choi, T. , PI; Choi, W. , Co-PI; Mechanical & Energy Engineering</i>											
20-0004 Proposal: New	IREs Track I: Interdisciplinary research collaboration on non-traditional manufacturing for energy applications	Research - Basic	National Science Foundation - Federal NSF		Co-PI	5/1/2020	2.91	48.50%	40%	\$119,998	Declined
		Totals for	Choi, Wobong							\$119,998	
Reidy, Richard											
<i>Reidy, R. , Co-PI; Young, M. , PI; Materials Science & Engineering</i>											
20-0060 Proposal: Supplement	Characterization of Superconducting Thin Film Materials	Research - Applied	Superconductor Technologies Inc.	Industry	Co-PI	11/1/2019	0.5	26.00%	25%	\$5,000	Awarded
		Totals for	Reidy, Richard							\$5,000	
Srivilliputhur, Srinivasan											
<i>Srivilliputhur, S. , PI; Materials Science & Engineering; John, K. , Co-PI; Zhang, Z. , Co-PI; Mechanical & Energy Engineering; Buckles, B. , Co-PI; Computer Science & Engineering; Baker, R. , Co-PI; Learning Technologies</i>											
19-0684 Proposal: Resubmissio	RET Site: Materials science, energy conservation, and experimental design: lessons and applications for high school educators using public domain simulation tools	Research - Basic	National Science Foundation - Federal NSF		PI	6/14/2020	3	48.50%	100%	\$568,490	Declined
		Totals for	Srivilliputhur, Srinivasan							\$568,490	
Young, Marcus											
<i>Young, M. , PI; Reidy, R. , Co-PI; Materials Science & Engineering</i>											
20-0060 Proposal: Supplement	Characterization of Superconducting Thin Film Materials	Research - Applied	Superconductor Technologies Inc.	Industry	PI	11/1/2019	0.5	26.00%	75%	\$15,000	Awarded
		Totals for	Young, Marcus							\$15,000	
		Totals for	Materials Science & Engineering							\$715,913	

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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Mechanical & Energy Engineering

Choi, Tae-Youl

Choi, T. , PI; Simmons, D. , Co-PI; Mechanical & Energy Engineering

19-0376 Proposal: New	Development of a microsensor technology for real time detection of Glioblastoma Multiforme-Human Astrocyte boundary in 3D spheroid models	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2020	1.91	48.50%	80%	\$472,431	Pending
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Choi, T. , PI; Choi, W. , Co-PI; Mechanical & Energy Engineering; Choi, W. , Co-PI; Materials Science & Engineering

20-0004 Proposal: New	IRES Track I: Interdisciplinary research collaboration on non-traditional manufacturing for energy applications	Research - Basic	National Science Foundation - NSF	Federal	PI	5/1/2020	2.91	48.50%	50%	\$149,997	Declined
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Totals for **Choi, Tae-Youl** **\$622,428**

Choi, Wonbong

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

20-0004 Proposal: New	IRES Track I: Interdisciplinary research collaboration on non-traditional manufacturing for energy applications	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	5/1/2020	2.91	48.50%	10%	\$29,999	Declined
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Totals for **Choi, Wonbong** **\$29,999**

John, Kuruvilla

John, K. , Co-PI; Zhang, Z. , Co-PI; Mechanical & Energy Engineering; Srivilliputhur, S. , PI; Materials Science & Engineering; Buckles, B. , Co-PI; Computer Science & Engineering; Baker, R. , Co-PI; Learning Technologies

19-0684 Proposal: Resubmissio	RET Site: Materials science, energy conservation, and experimental design: lessons and applications for high school educators using public domain simulation tools	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/14/2020	3	48.50%	0%	\$0	Declined
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Totals for **John, Kuruvilla** **\$0**

Simmons, Denise

Simmons, D. , Co-PI; Choi, T. , PI; Mechanical & Energy Engineering

19-0376 Proposal: New	Development of a microsensor technology for real time detection of Glioblastoma Multiforme-Human Astrocyte boundary in 3D spheroid models	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	7/1/2020	1.91	48.50%	20%	\$118,108	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 **Simmons, Denise** **\$118,108**

Zhang, Zihao

Zhang, Z. , Co-PI; John, K. , Co-PI; Mechanical & Energy Engineering; Srivilliputhur, S. , PI; Materials Science & Engineering; Buckles, B. , Co-PI; Computer Science & Engineering; Baker, R. , Co-PI; Learning Technologies

19-0684	RET Site: Materials science, energy conservation, and experimental design: lessons and applications for high school educators using public domain simulation tools	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/14/2020	3	48.50%	0%	\$0	Declined
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Totals for **Zhang, Zihao** **\$0**

Totals for **Mechanical & Energy Engineering** **\$770,535**

Totals for **College of Engineering** **\$3,351,657**

College of Health & Public Service

College of Health & Public Service - Dean's Office - General

Chumbler, Neale

Chumbler, N. , Co-PI; College of Health & Public Service - Dean's Office - General; Andrew, S. , PI; Fischer, L. , Co-PI; Public Administration; Williams, H. , Co-PI; Geography

20-0024	Living in the Shadows of Risk: A Community-based Assessment of Vulnerability and Resiliency in Port Arthur and Tacoma	Research - Basic	U.S. Environmental Protection Agency - EPA		Co-PI	5/13/2020	3	48.50%	15%	\$120,000	Declined
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Totals for **Chumbler, Neale** **\$120,000**

Totals for **College of Health & Public Service - Dean's Office - General** **\$120,000**

Disability & Addiction Rehabilitation

Gafford, Lucy

19-0641	TWC-VR CRP Credential Training	Public Service	Texas Workforce Commission	State of TX	PI	1/1/2020	1.91	31.50%	100%	\$600,000	Awarded
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Totals for **Gafford, Lucy** **\$600,000**

Totals for **Disability & Addiction Rehabilitation** **\$600,000**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Public Administration											
Andrew, Simon											
<i>Andrew, S. , Co-PI; Public Administration; Namuduri, K. , PI; Electrical Engineering; Habib, A. , Co-PI; Information Science</i>											
19-0614 Proposal: New	SCC-IRG Track 2: Building an Ecosystem for Emergency Preparedness	Research - Basic	National Science Foundation - Federal NSF		Co-PI	4/1/2020	2.91	48.50%	25%	\$374,930	Pending
<i>Andrew, S. , PI; Fischer, L. , Co-PI; Public Administration; Williams, H. , Co-PI; Geography; Chumbler, N. , Co-PI; College of Health & Public Service - Dean's Office - General</i>											
20-0024 Proposal: New	Living in the Shadows of Risk: A Community-based Assessment of Vulnerability and Resiliency in Port Arthur and Tacoma	Research - Basic	U.S. Environmental Protection Agency - EPA		PI	5/13/2020	3	48.50%	35%	\$280,000	Declined
Totals for										Andrew, Simon	\$654,930
Fischer, Lauren											
19-0675 Proposal: New	Organizational Strategy and Mobilities Policy Transfer: An Examination of Practice, Impediments and Success in the American Transport Sector.	Research - Basic	Arizona State University	Federal Flow Thru	PI	1/1/2020	1.91	48.50%	100%	\$85,255	Pending
<i>Fischer, L. , Co-PI; Andrew, S. , PI; Public Administration; Williams, H. , Co-PI; Geography; Chumbler, N. , Co-PI; College of Health & Public Service - Dean's Office - General</i>											
20-0024 Proposal: New	Living in the Shadows of Risk: A Community-based Assessment of Vulnerability and Resiliency in Port Arthur and Tacoma	Research - Basic	U.S. Environmental Protection Agency - EPA		Co-PI	5/13/2020	3	48.50%	35%	\$280,000	Declined
Totals for										Fischer, Lauren	\$365,255
Shi, Yu											
<i>Shi, Y. , PI; Public Administration; Yang, Q. , Co-PI; Computer Science & Engineering</i>											
19-0669 Proposal: New	SCC-PG: Building technology-enhanced and connected cities in a metropolitan region through smart governance and technology implementation	Research - Basic	National Science Foundation - Federal NSF		PI	1/1/2020	0.91	48.50%	80%	\$120,000	Withdrawn
Totals for										Shi, Yu	\$120,000
Totals for										Public Administration	\$1,140,185
Totals for										College of Health & Public Service	\$1,860,185

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 Information

Information Science

Ding, Junhua

20-0027 Proposal: New	Excellence in Research: Research on Data Driven Deep Learning Methods for Automated Intrusion Detection in Software	Research - Applied	Tuskegee University	Federal Flow Thru	PI	7/1/2020	2.91	48.50%	100%	\$75,431	Pending
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Totals for **Ding, Junhua** **\$75,431**

Habib, Abdulrahman

Habib, A. , Co-PI; Information Science; Namuduri, K. , PI; Electrical Engineering; Andrew, S. , Co-PI; Public Administration

19-0614 Proposal: New	SCC-IRG Track 2: Building an Ecosystem for Emergency Preparedness	Research - Basic	National Science Foundation - Federal NSF		Co-PI	4/1/2020	2.91	48.50%	25%	\$374,930	Pending
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Totals for **Habib, Abdulrahman** **\$374,930**

Totals for **Information Science** **\$450,361**

Learning Technologies

Baker, Rose

Baker, R. , Co-PI; Learning Technologies; Srivilliputhur, S. , PI; Materials Science & Engineering; John, K. , Co-PI; Zhang, Z. , Co-PI; Mechanical & Energy Engineering; Buckles, B. , Co-PI; Computer Science & Engineering

19-0684 Proposal: Resubmissio	RET Site: Materials science, energy conservation, and experimental design: lessons and applications for high school educators using public domain simulation tools	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/14/2020	3	48.50%	0%	\$0	Declined
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Totals for **Baker, Rose** **\$0**

Totals for **Learning Technologies** **\$0**

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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Linguistics

Chelliah, Shobhana

Chelliah, S. , PI; Palmer, A. , Co-PI; Linguistics

19-0656 Proposal: New	Assessing correspondences between triggers for differential marking and morphosyntactic patterning through the documentation and description of Dimasa	Research - Basic	National Science Foundation - Federal NSF	PI		9/1/2020	2.91	48.50%	50%	\$171,738	Pending
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Totals for **Chelliah, Shobhana** **\$171,738**

Palmer, Alexis

Palmer, A. , Co-PI; Chelliah, S. , PI; Linguistics

19-0656 Proposal: New	Assessing correspondences between triggers for differential marking and morphosyntactic patterning through the documentation and description of Dimasa	Research - Basic	National Science Foundation - Federal NSF	Co-PI		9/1/2020	2.91	48.50%	50%	\$171,738	Pending
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Totals for **Palmer, Alexis** **\$171,738**

Totals for **Linguistics** **\$343,476**

Totals for **College of Information** **\$793,837**

College of Liberal Arts & Social Sciences

Geography

Ponette-Gonzalez, Alexandra

Ponette-Gonzalez, A. , Co-PI; Geography; Liang, L. , PI; Advanced Environmental Research Institute (AERI)

19-0661 Proposal: New	Geospatial Air Quality Research: Integrated Monitoring, Mapping, and Modeling of Fine Particulate Matter In Urban Areas	Research - Applied	National Science Foundation - Federal NSF	Co-PI		3/1/2020	2.91	48.50%	50%	\$199,755	Declined
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Totals for **Ponette-Gonzalez, Alexandra** **\$199,755**

Tiwari, Chetan

Tiwari, C. , Co-PI; Geography; Ramisetty-Mikler, S. , PI; Mikler, A. , Co-PI; Computer Science & Engineering

20-0018 Proposal: New	Are U counting US for the Most Inclusive Census 2020?	Research - Applied	Hogg Foundation for Mental Health	Not for Profit	Co-PI	12/1/2019	0.66	10.00%	15%	\$11,250	Declined
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Totals for **Tiwari, Chetan** **\$11,250**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Williams, Harry F											
<i>Williams, H. , Co-PI; Geography; Andrew, S. , PI; Fischer, L. , Co-PI; Public Administration; Chumbler, N. , Co-PI; College of Health & Public Service - Dean's Office - General</i>											
20-0024 Proposal: New	Living in the Shadows of Risk: A Community-based Assessment of Vulnerability and Resiliency in Port Arthur and Tacoma	Research - Basic	U.S. Environmental Protection Agency - EPA	Federal	Co-PI	5/13/2020	3	48.50%	15%	\$120,000	Declined
Totals for										Williams, Harry F	\$120,000
Totals for										Geography	\$331,004
Totals for										College of Liberal Arts & Social Sciences	\$331,004

College of Merchandising Hospitality and Tourism
Hospitality & Tourism

Kim, Young Hoon

Kim, Y. , PI; Spears, D. , Co-PI; Hospitality & Tourism

19-0512 Proposal: New	Phase II: An Incubator Village for the DMZ (Demilitarized Zone; Dream and Miracle Zone) and Its Credibility, Connectivity, and Practicality	Research - Applied	The Korea Foundation	Foreign	PI	2/1/2020	1.25	10.00%	80%	\$323,458	Declined
Totals for										Kim, Young Hoon	\$323,458

Spears, Daniel

Spears, D. , Co-PI; Kim, Y. , PI; Hospitality & Tourism

19-0512 Proposal: New	Phase II: An Incubator Village for the DMZ (Demilitarized Zone; Dream and Miracle Zone) and Its Credibility, Connectivity, and Practicality	Research - Applied	The Korea Foundation	Foreign	Co-PI	2/1/2020	1.25	10.00%	20%	\$80,865	Declined
Totals for										Spears, Daniel	\$80,865
Totals for										Hospitality & Tourism	\$404,323
Totals for										College of Merchandising Hospitality and Tourism	\$404,323

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Science											
Biological Sciences											
Chen, Fang											
19-0648 Proposal: New	Center for Agricultural Renewable Products - Injecting Value and Sustainability (CARP - IVS)	Research - Basic	Texas A&M AgriLife Extension Service	Federal Flow Thru	PI	4/1/2020	3.91	42.86%	100%	\$498,434	Pending
		Totals for	Chen, Fang							\$498,434	
Dixon, Richard											
20-0020 Proposal: Supplement	Engineering Condensed Tannin Expression in Row Crops	Research - Basic	Grasslanz Technology Limited - GTL	Foreign	PI	12/1/2019	0.91	48.50%	100%	\$155,000	Awarded
		Totals for	Dixon, Richard							\$155,000	
Lund, Amie											
19-0457 Proposal: New	Investigating pathways involved in traffic-generated particulate matter exposure-mediated alterations in gut microbiome signaling and promotion of pathologies associated with Multiple Sclerosis.	Research - Basic	National Multiple Sclerosis Society	Not for Profit	PI	1/15/2020	1	10.00%	100%	\$54,482	Pending
		Totals for	Lund, Amie							\$54,482	
		Totals for	Biological Sciences							\$707,916	
Chemistry											
Cundari, Thomas											
19-0666 Proposal: New	Fundamental Acid/Base Properties of Hydrocarbon C-H Bonds and Metal-Element Active Sites	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$375,948	Pending
		Totals for	Cundari, Thomas							\$375,948	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Wang, Hong											
20-0036 Proposal: Resubmissio	Cooperative Enamine-Hard Metal Lewis Acid Catalysis for New Asymmetric Organic Transformations	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$610,804	Pending
		Totals for	Wang, Hong							\$610,804	
Weber, Rebecca											
19-0687 Proposal: New	PARDNERS: Pathways for Achievement and Retention of a Diverse Network of Education Research Scholars	Research - Basic	Texas A&M University-San Antonio	Federal Flow Thru	PI	1/1/2020	5.91	48.50%	100%	\$638,109	Pending
		Totals for	Weber, Rebecca							\$638,109	
		Totals for	Chemistry							\$1,624,861	
IPACS											
Habib, Abdulrahman											
<i>Habib, A. , PI; IPACS; Namuduri, K. , Co-PI; Electrical Engineering; Monticino, M. , Co-PI; Physics</i>											
19-0665 Proposal: New	SCC-PG: Building DFW Mobility Data Standard Alliance	Research - Applied	National Science Foundation - Federal NSF		PI	4/1/2020	0.91	48.50%	34%	\$46,301	Declined
		Totals for	Habib, Abdulrahman							\$46,301	
		Totals for	IPACS							\$46,301	
Mathematics											
Chan, William											
19-0678 Proposal: New	Descriptive Set Theory and Definable Combinatorics	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$150,592	Pending
		Totals for	Chan, William							\$150,592	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Hao, Han											
<i>Hao, H. , PI; Wang, X. , Co-PI; Mathematics</i>											
20-0016 Proposal: New	An Improved Statistical Approach to Uncover New Subgroups and Causes of Autism	Research - Applied	Simons Foundation	Foundation	PI	2/1/2020	1.91	20.00%	100%	\$150,001	Pending
		Totals for	Hao, Han							\$150,001	
Krueger, John											
19-0579 Proposal: New	Forcing and Consistency Results	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2020	2.91	48.50%	100%	\$265,820	Pending
		Totals for	Krueger, John							\$265,820	
Urbanski, Mariusz											
19-0645 Proposal: New	Thermodynamic Formalism, Dynamics, Measures, and Dimensions	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2020	2.91	48.50%	100%	\$372,520	Declined
		Totals for	Urbanski, Mariusz							\$372,520	
Wang, Xuexia											
19-0658 Proposal: Resubmissio	Subsequent Neoplasms in Individuals with NF1	Research - Basic	The University of Alabama at Birmingham	Federal Flow Thru	PI	9/1/2020	4.91	48.50%	100%	\$74,250	Pending
<i>Wang, X. , Co-PI; Hao, H. , PI; Mathematics</i>											
20-0016 Proposal: New	An Improved Statistical Approach to Uncover New Subgroups and Causes of Autism	Research - Applied	Simons Foundation	Foundation	Co-PI	2/1/2020	1.91	20.00%	0%	\$0	Pending
		Totals for	Wang, Xuexia							\$74,250	
		Totals for	Mathematics							\$1,013,183	

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

Monticino, Michael

Monticino, M. , Co-PI; Physics; Habib, A. , PI; IPACS; Namuduri, K. , Co-PI; Electrical Engineering

19-0665 Proposal: New	SCC-PG: Building DFW Mobility Data Standard Alliance	Research - Applied	National Science Foundation - Federal NSF		Co-PI	4/1/2020	0.91	48.50%	33%	\$44,939	Declined
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Totals for **Monticino, Michael** **\$44,939**

Neogi, Arup

19-0674 Proposal: New	IRES Track 1: Non-reciprocal and configurable magneto-acoustic meta-materials for phononics	Research - Basic	National Science Foundation - Federal NSF		PI	4/1/2020	2.91	48.50%	100%	\$287,947	Declined
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Totals for **Neogi, Arup** **\$287,947**

Totals for **Physics** **\$332,886**

Totals for **College of Science** **\$3,725,147**

Research & Innovation

Advanced Environmental Research Institute (AERI)

Liang, Lu

Liang, L. , PI; Advanced Environmental Research Institute (AERI); Ponette-Gonzalez, A. , Co-PI; Geography

19-0661 Proposal: New	Geospatial Air Quality Research: Integrated Monitoring, Mapping, and Modeling of Fine Particulate Matter In Urban Areas	Research - Applied	National Science Foundation - Federal NSF		PI	3/1/2020	2.91	48.50%	50%	\$199,755	Declined
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Totals for **Liang, Lu** **\$199,755**

Totals for **Advanced Environmental Research Institute (AERI)** **\$199,755**

Totals for **Research & Innovation** **\$199,755**

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>											

Peterson III, Charles

20-0061 Proposal: New	Advancing Optimization of Selective Binding in Radiochemical Separations	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	1/1/2020	2.91	48.50%	100%	\$114,537	Pending
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Totals for	Peterson III, Charles									\$114,537	
Totals for	University IT (UIT)									\$114,537	
Totals for	University Information Service									\$114,537	
Totals for	UNT									\$12,635,032	
Totals for	September FY2020:									\$12,635,032	