

**Monthly Proposals Report for November 2018**  
**Office of Grants and Contracts, University of North Texas**

<b>Proposals Total by College</b>	<b>November 2017</b>	<b>November 2018</b>	<b>YTD FY2018</b>	<b>YTD FY2019</b>
College of Business	\$ 826,891	\$ -	\$ 771,441	\$ -
College of Education	\$ -	\$ 2,914,272	\$ 1,836,868	\$ 3,096,688
College of Engineering	\$ 28,919,860	\$ 13,546,036	\$ 43,683,149	\$ 29,323,125
College of Health & Public Service (prev. PACS)	\$ 49,933	\$ 580,705	\$ 444,382	\$ 1,222,465
College of Information	\$ 1,915,711	\$ 5,257,448	\$ 3,651,425	\$ 8,024,647
College of Liberal Arts & Social Sciences	\$ 335,990	\$ 182,295	\$ 12,523,802	\$ 3,938,739
College of Merchandising Hospitality and Tourism	\$ 24,889	\$ 79,994	\$ 93,681	\$ 118,609
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ 8,580,885	\$ 1,185,500	\$ 22,017,708	\$ 15,671,300
College of Visual Arts and Design	\$ -	\$ 25,000	\$ -	\$ 25,000
School of Journalism	\$ -	\$ -	\$ 93,938	\$ 120,090
Other <sup>1</sup>	\$ -	\$ -	\$ 579,524	\$ 1,602,355
<b>Grand Total:</b>	<b>\$ 40,654,160</b>	<b>\$ 23,771,249</b>	<b>\$ 85,695,918</b>	<b>\$ 63,143,017</b>

<b>Proposals Total by Category</b>	<b>November 2017</b>	<b>November 2018</b>	<b>YTD FY2018</b>	<b>YTD FY2019</b>
Instruction	\$ 36,581	\$ 95,000	\$ 1,654,277	\$ 1,217,408
Public Service	\$ 30,889	\$ 1,428,965	\$ 482,435	\$ 1,854,595
Research (Applied, Basic, Development)	\$ 40,586,690	\$ 21,978,241	\$ 83,548,728	\$ 59,801,970
Other <sup>2</sup>	\$ -	\$ 269,043	\$ 10,478	\$ 269,043
<b>Grand Total:</b>	<b>\$ 40,654,160</b>	<b>\$ 23,771,249</b>	<b>\$ 85,695,918</b>	<b>\$ 63,143,017</b>

<b>Proposals Total by Source of Funding</b>	<b>November 2017</b>	<b>November 2018</b>	<b>YTD FY2018</b>	<b>YTD FY2019</b>
Federal	\$ 39,981,634	\$ 22,797,043	\$ 82,612,886	\$ 58,370,391
Private	\$ 672,526	\$ 954,340	\$ 2,854,494	\$ 4,544,046
State	\$ -	\$ 19,867	\$ 228,539	\$ 228,579
<b>Grand Total:</b>	<b>\$ 40,654,160</b>	<b>\$ 23,771,249</b>	<b>\$ 85,695,918</b>	<b>\$ 63,143,017</b>

**Notes:**

1 Other includes UNT Libraries, Office of the Provost and Vice President of Academic Affairs, Enrollment Management, Dean of Students, Director Risk Management, Honors College, and Outreach & Community Involvement

2 Other includes Career, Conference, Equipment, Fellowship, Infrastructure/Facilities, Student Support, Travel, and Training

*Special Note:*

*In detailed proposal data, PI is the Cayuse SP named Lead Principal Investigator and Co-PI is any Cayuse SP named Principal Investigator. Recognition in the detailed proposal data is distributed from the Allocation of Credit as entered in Cayuse SP.*

# Proposals, November FY2019

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

*Counseling & Higher Education*

**Jones, Veronica**

19-0095 Proposal: New	NAEd/Spencer Postdoctoral Fellowship program	Instruction	National Academy of Education	Not for Profit	PI	6/1/2019	1.16	0.00%	100%	\$70,000	Pending
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Totals for **Jones, Veronica** **\$70,000**

Totals for **Counseling & Higher Education** **\$70,000**

*Educational Psychology*

**Combes, Bertina**

*Combes, B. , Co-PI; Hull, D. , Co-PI; Educational Psychology; Pazey, B. , PI; Harrell, P. , Co-PI; Long, C. , Co-PI; Teacher Education & Administration*

19-0043 Proposal: New	Cultivating Interest in Science through Inquiry-Based Learning and Positive Youth Development: An After-School Science Program for At-Risk Middle School Students	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2019	1.91	26.00%	2.5%	\$7,495	Pending
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Totals for **Combes, Bertina** **\$7,495**

**Henson, Robin**

*Henson, R. , Co-PI; Educational Psychology; Harrell, P. , PI; Subramaniam, K. , Co-PI; Teacher Education & Administration; Thompson, R. , Co-PI; Biological Sciences*

19-0119 Proposal: New	What Every New Teacher Should Know about Short-Cycle Formative Assessment	Research - Basic	National Science Foundation - Federal NSF		Co-PI	8/1/2019	2.83	26.00%	5%	\$22,500	Pending
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Totals for **Henson, Robin** **\$22,500**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Hull, Darrell</b>											
<i>Hull, D. , Co-PI; Combes, B. , Co-PI; Educational Psychology; Pazez, B. , PI; Harrell, P. , Co-PI; Long, C. , Co-PI; Teacher Education &amp; Administration</i>											
19-0043 Proposal: New	Cultivating Interest in Science through Inquiry-Based Learning and Positive Youth Development: An After-School Science Program for At-Risk Middle School Students	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	1.91	26.00%	10%	\$29,978	Pending
<i>Hull, D. , Co-PI; Middlemiss, W. , PI; Educational Psychology</i>											
19-0072 Proposal: New	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal Flow Thru	Co-PI	9/1/2019	0.91	3.37%	0%	\$0	Pending
			Totals for	<b>Hull, Darrell</b>						<b>\$29,978</b>	
<b>Middlemiss, Wendy</b>											
<i>Middlemiss, W. , PI; Hull, D. , Co-PI; Educational Psychology</i>											
19-0072 Proposal: New	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal Flow Thru	PI	9/1/2019	0.91	3.37%	100%	\$1,428,965	Pending
			Totals for	<b>Middlemiss, Wendy</b>						<b>\$1,428,965</b>	
			Totals for	<b>Educational Psychology</b>						<b>\$1,488,938</b>	
<b>Teacher Education &amp; Administration</b>											
<b>Eddy, Colleen</b>											
<i>Eddy, C. , Co-PI; Teacher Education &amp; Administration; Tyler-Wood, T. , PI; Learning Technologies; Chelliah, S. , Co-PI; Linguistics; Smith, D. , Co-PI; Information Science</i>											
18-0483 Proposal: New	Simulation Enhanced Training for Pre-Service Middle School STEM Teachers	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	7/1/2019	3.91	48.50%	25%	\$710,526	Pending
			Totals for	<b>Eddy, Colleen</b>						<b>\$710,526</b>	
<b>Harrell, Pamela</b>											
<i>Harrell, P. , Co-PI; Pazez, B. , PI; Long, C. , Co-PI; Teacher Education &amp; Administration; Hull, D. , Co-PI; Combes, B. , Co-PI; Educational Psychology</i>											
19-0043 Proposal: New	Cultivating Interest in Science through Inquiry-Based Learning and Positive Youth Development: An After-School Science Program for At-Risk Middle School Students	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	1.91	26.00%	2.5%	\$7,495	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Harrell, P. , PI; Subramaniam, K. , Co-PI; Teacher Education &amp; Administration; Henson, R. , Co-PI; Educational Psychology; Thompson, R. , Co-PI; Biological Sciences</i>											
19-0119 Proposal: New	What Every New Teacher Should Know about Short-Cycle Formative Assessment	Research - Basic	National Science Foundation - NSF	Federal	PI	8/1/2019	2.83	26.00%	70%	\$315,001	Pending
			Totals for	<b>Harrell, Pamela</b>						<b>\$322,495</b>	
<b>Long, Christopher</b>											
<i>Long, C. , Co-PI; Pazez, B. , PI; Harrell, P. , Co-PI; Teacher Education &amp; Administration; Hull, D. , Co-PI; Combes, B. , Co-PI; Educational Psychology</i>											
19-0043 Proposal: New	Cultivating Interest in Science through Inquiry-Based Learning and Positive Youth Development: An After-School Science Program for At-Risk Middle School Students	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2019	1.91	26.00%	10%	\$29,978	Pending
			Totals for	<b>Long, Christopher</b>						<b>\$29,978</b>	
<b>Pazez, Barbara</b>											
<i>Pazez, B. , PI; Harrell, P. , Co-PI; Long, C. , Co-PI; Teacher Education &amp; Administration; Hull, D. , Co-PI; Combes, B. , Co-PI; Educational Psychology</i>											
19-0043 Proposal: New	Cultivating Interest in Science through Inquiry-Based Learning and Positive Youth Development: An After-School Science Program for At-Risk Middle School Students	Research - Applied	National Science Foundation - NSF	Federal	PI	9/1/2019	1.91	26.00%	75%	\$224,835	Pending
			Totals for	<b>Pazez, Barbara</b>						<b>\$224,835</b>	
<b>Subramaniam, Karthigeyan</b>											
<i>Subramaniam, K. , Co-PI; Harrell, P. , PI; Teacher Education &amp; Administration; Henson, R. , Co-PI; Educational Psychology; Thompson, R. , Co-PI; Biological Sciences</i>											
19-0119 Proposal: New	What Every New Teacher Should Know about Short-Cycle Formative Assessment	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	8/1/2019	2.83	26.00%	15%	\$67,500	Pending
			Totals for	<b>Subramaniam, Karthigeyan</b>						<b>\$67,500</b>	
			Totals for	<b>Teacher Education &amp; Administration</b>						<b>\$1,355,334</b>	
			Totals for	<b>College of Education</b>						<b>\$2,914,272</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>College of Engineering</b>											
<b>Biomedical Engineering</b>											
<b>Zhu, Donghui</b>											
19-0162 Proposal: New	BBB Inflammation in Alzheimer's Disease: Role of Aging-related Magnesium-deficiency	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2019	4.91	48.50%	100%	\$3,438,952	Withdrawn
19-0167 Proposal: New	Molecular Mechanism and Functional Role of Mg2+ in Neuroinflammation in Alzheimer's Disease	Research - Basic	National Institutes of Health - NIH	Federal	PI	9/1/2019	4.91	48.50%	100%	\$3,401,687	Pending
		Totals for	<b>Zhu, Donghui</b>							<b>\$6,840,639</b>	
		Totals for	<b>Biomedical Engineering</b>							<b>\$6,840,639</b>	
<b>Computer Science &amp; Engineering</b>											
<b>Bhowmick, Sanjukta</b>											
19-0151 Proposal: New	OAC Core: Small: Collaborative Research: SALMuN: Scalable Analysis of Large Multilayer Networks	Research - Basic	National Science Foundation - NSF	Federal	PI	10/1/2019	2.91	48.50%	100%	\$239,440	Pending
		Totals for	<b>Bhowmick, Sanjukta</b>							<b>\$239,440</b>	
<b>Blanco Villar, Eduardo</b>											
19-0157 Proposal: New	RI: Small: Extracting Spatial Trajectories from Natural Language	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2019	1.91	48.50%	100%	\$499,309	Pending
		Totals for	<b>Blanco Villar, Eduardo</b>							<b>\$499,309</b>	
<b>Bryce, Renee</b>											
<i>Bryce, R. , Co-PI; Do, H. , PI; Computer Science &amp; Engineering</i>											
19-0111 Proposal: New	Evolution- and Context-Aware Mobile Testing (ECAMO-Test)	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2019	2.91	48.50%	50%	\$249,136	Pending
		Totals for	<b>Bryce, Renee</b>							<b>\$249,136</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Do, Hyunsook</b>											
<i>Do, H. , PI; Bryce, R. , Co-PI; Computer Science &amp; Engineering</i>											
19-0111 Proposal: New	Evolution- and Context-Aware Mobile Testing (ECAMO-Test)	Research - Applied	National Science Foundation - Federal NSF		PI	6/1/2019	2.91	48.50%	50%	\$249,136	Pending
		Totals for	<b>Do, Hyunsook</b>							<b>\$249,136</b>	
<b>Guo, Xuan</b>											
19-0131 Proposal: New	RI: Small: Collaborative Research: Exploring Dynamic Functioning Mechanisms of Brain Networks	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	2.91	48.50%	100%	\$149,290	Pending
		Totals for	<b>Guo, Xuan</b>							<b>\$149,290</b>	
<b>Jin, Wei</b>											
19-0152 Proposal: New	CNS Core: Small: Collaborative Research: Relieving Storage Burden of Big Data Using Data Itself: Data-Enabled Low-Cost and Power-Efficient Video Storage System	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2019	2.91	48.50%	100%	\$200,000	Pending
		Totals for	<b>Jin, Wei</b>							<b>\$200,000</b>	
<b>Mohanty, Saraju</b>											
19-0140 Proposal: New	CNS Core: Small: Collaborative Research: Fog-Safe: Fog-Assisted IoT-based Scalable Approaches for Enhancing Services and Safety in Smart Cities	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	2.91	48.50%	100%	\$180,171	Pending
<i>Mohanty, S. , PI; Zhao, H. , Co-PI; Computer Science &amp; Engineering</i>											
19-0143 Proposal: New	CNS Core: Small: CSR: Collaborative Research: sEdge: Exploring Novel Edge-Component Architectures for Scalable Edge Intelligence for Rapid Big Sensor Data Analytics	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	2.91	48.50%	50%	\$175,345	Pending
		Totals for	<b>Mohanty, Saraju</b>							<b>\$355,516</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Takabi, Hassan</b>											
19-0144 Proposal: New	Quantitative Data-driven Models for Predicting Longevity of Software Vulnerabilities	Research - Applied	Defense Advanced Research Projects Agency - DARPA	Federal	PI	7/1/2019	2.91	48.50%	100%	\$999,848	Pending
		Totals for	<b>Takabi, Hassan</b>							<b>\$999,848</b>	
<b>Tarau, Paul</b>											
19-0130 Proposal: New	SHF: Small: Formulas-as-Types and Combinatorial Testing of Theorem Provers	Research - Applied	National Science Foundation - NSF	Federal	PI	10/1/2019	2.91	48.50%	100%	\$324,895	Pending
19-0155 Proposal: New	RI: Small: Dependency-based Text Graphs and their Applications	Research - Applied	National Science Foundation - NSF	Federal	PI	10/1/2019	2.91	48.50%	100%	\$321,415	Pending
		Totals for	<b>Tarau, Paul</b>							<b>\$646,310</b>	
<b>Zhao, Hui</b>											
<i>Zhao, H. , Co-PI; Mohanty, S. , PI; Computer Science &amp; Engineering</i>											
19-0143 Proposal: New	CNS Core: Small: CSR: Collaborative Research: sEdge: Exploring Novel Edge-Component Architectures for Scalable Edge Intelligence for Rapid Big Sensor Data Analytics	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	7/1/2019	2.91	48.50%	50%	\$175,345	Pending
19-0147 Proposal: New	Enhancing performance and energy-efficiency of network-on-chips for heterogeneous many-core systems	Research - Development	National Science Foundation - NSF	Federal	PI	6/1/2019	2.91	48.50%	100%	\$224,299	Pending
		Totals for	<b>Zhao, Hui</b>							<b>\$399,644</b>	
		Totals for	<b>Computer Science &amp; Engineering</b>							<b>\$3,987,628</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Electrical Engineering</b>											
<b>Mahbub, Ifana</b>											
19-0073 Proposal: New	Developing a wireless closed-loop optogenetic stimulator to treat chronic pain	Research - Basic	Texas AM University - College Station	Federal Flow Thru	PI	9/1/2019	1.91	48.50%	100%	\$154,268	Pending
19-0178 Proposal: New	Unravelling brain neural circuits for developing non-opioid orofacial pain therapies with optogenetics	Research - Basic	Texas AM University - College Station	Federal Flow Thru	PI	6/1/2019	7.91	48.50%	100%	\$570,978	Pending
		Totals for	<b>Mahbub, Ifana</b>							<b>\$725,246</b>	
<b>Mehta, Gayatri</b>											
19-0030 Proposal: New	AISL: Research: Collaborative Research: Introducing Young People to Digital Design through Hands-on Interactive Exhibits	Research - Basic	National Science Foundation - NSF	Federal	PI	7/1/2019	1.91	48.50%	100%	\$150,000	Pending
		Totals for	<b>Mehta, Gayatri</b>							<b>\$150,000</b>	
<b>Namuduri, Kameswara Rao</b>											
19-0160 Proposal: New	CASINO: Cognitive Agent Swarm INterOperability	Research - Basic	Defense Advanced Research Projects Agency - DARPA	Federal	PI	4/1/2019	0.66	48.50%	100%	\$371,880	Pending
		Totals for	<b>Namuduri, Kameswara Rao</b>							<b>\$371,880</b>	
		Totals for	<b>Electrical Engineering</b>							<b>\$1,247,126</b>	

### Engineering Technology

#### Bostanci, Huseyin

*Bostanci, H. , Co-PI; Manzo, M. , PI; Engineering Technology*

19-0169 Proposal: New	Flexible electrical polymeric apparatus energy harvester for distributed wireless sensors network	Research - Applied	American Society of Heating, Refrigeration and Air-conditioning Engineers - ASHRAE	Not for Profit	Co-PI	8/20/2019	0.75	0.00%	50%	\$2,500	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>Bostanci, H. , PI; Manzo, M. , Co-PI; Engineering Technology</i>											
19-0172 Proposal: New	Design and Development of Laboratory Equipment for an Emerging Data Center Thermal Management Technology: Two-Phase Immersion Cooling	Research - Applied	American Society of Heating, Refrigeration and Air-conditioning Engineers - ASHRAE	Not for Profit	PI	8/26/2019	0.75	0.00%	50%	\$2,500	Pending
			Totals for	<b>Bostanci, Huseyin</b>						<b>\$5,000</b>	
<b>Manzo, Maurizio</b>											
<i>Manzo, M. , PI; Bostanci, H. , Co-PI; Engineering Technology</i>											
19-0169 Proposal: New	Flexible electrical polymeric apparatus energy harvester for distributed wireless sensors network	Research - Applied	American Society of Heating, Refrigeration and Air-conditioning Engineers - ASHRAE	Not for Profit	PI	8/20/2019	0.75	0.00%	50%	\$2,500	Pending
<i>Manzo, M. , Co-PI; Bostanci, H. , PI; Engineering Technology</i>											
19-0172 Proposal: New	Design and Development of Laboratory Equipment for an Emerging Data Center Thermal Management Technology: Two-Phase Immersion Cooling	Research - Applied	American Society of Heating, Refrigeration and Air-conditioning Engineers - ASHRAE	Not for Profit	Co-PI	8/26/2019	0.75	0.00%	50%	\$2,500	Pending
19-0188 Proposal: New	Simultaneous Temperature and Shear Stress Measurements Based Quantum Dots Doped Polymeric Beam	Research - Applied	American Society of Heating, Refrigeration and Air-conditioning Engineers - ASHRAE	Not for Profit	PI	8/26/2019	0.75	0.00%	100%	\$5,000	Pending
			Totals for	<b>Manzo, Maurizio</b>						<b>\$10,000</b>	
			Totals for	<b>Engineering Technology</b>						<b>\$15,000</b>	
<b>Materials Science &amp; Engineering</b>											
<b>Banerjee, Rajarshi</b>											
19-0121 Proposal: New	Collaborative Research: Fine Scale Alpha Precipitation and Resulting Deformation Mechanisms in Titanium Alloys	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2019	2.91	48.50%	100%	\$292,992	Pending
			Totals for	<b>Banerjee, Rajarshi</b>						<b>\$292,992</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>D'souza, Francis</b>											
<i>D'souza, F. , Co-PI; Materials Science &amp; Engineering; D'souza, F. , PI; Chemistry</i>											
19-0146 Proposal: New	Construction and Studies on Photosensitizer-Transition Metal Dichalcogenide Donor-Acceptor Hybrids as Advanced Functional Materials	Research - Basic	U.S. Department of Energy - DOE	Federal	Co-PI	6/1/2019	2.91	48.50%	20%	\$99,544	Pending
<i>D'souza, F. , Co-PI; Materials Science &amp; Engineering; D'souza, F. , PI; Chemistry</i>											
19-0148 Proposal: New	Heteroatom-Doped Graphene-Derived Donor-Acceptor Hybrids: Syntheses and Excited State Properties	Research - Basic	U.S. Department of Energy - DOE	Federal	Co-PI	6/1/2019	2.91	0.00%	20%	\$66,433	Pending
Totals for										<b>D'souza, Francis</b>	<b>\$165,977</b>
<b>Du, Jincheng</b>											
<i>Du, J. , Co-PI; Shepherd, N. , PI; Materials Science &amp; Engineering</i>											
19-0075 Proposal: New	Extrinsic doping of transition metal dichalcogenides for p-n junctions by pulsed laser deposition	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	5/1/2019	2.91	48.50%	50%	\$229,750	Pending
Totals for										<b>Du, Jincheng</b>	<b>\$229,750</b>
<b>Shepherd, Nigel</b>											
<i>Shepherd, N. , PI; Du, J. , Co-PI; Materials Science &amp; Engineering</i>											
19-0075 Proposal: New	Extrinsic doping of transition metal dichalcogenides for p-n junctions by pulsed laser deposition	Research - Basic	National Science Foundation - NSF	Federal	PI	5/1/2019	2.91	48.50%	50%	\$229,750	Pending
Totals for										<b>Shepherd, Nigel</b>	<b>\$229,750</b>
Totals for										<b>Materials Science &amp; Engineering</b>	<b>\$918,468</b>
<b>Mechanical &amp; Energy Engineering</b>											
<b>Choi, Tae-Youl</b>											
<i>Choi, T. , PI; Mechanical &amp; Energy Engineering; Simmons, D. , Co-PI; Chemistry</i>											
19-0041 Proposal: New	Thermal conductivity and diffusivity of human cells as biomarkers in early-stage ovarian cancer detection	Research - Basic	National Science Foundation - NSF	Federal	PI	4/1/2019	2.91	48.50%	80%	\$287,999	Pending
Totals for										<b>Choi, Tae-Youl</b>	<b>\$287,999</b>

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Zhang, Haifeng</b>											
19-0134 Proposal: New	Selective Laser Sintering Equipment for Energy Harvesting and Sensing Materials and Devices in Nuclear Systems	Equipment	U.S. Department of Energy - DOE	Federal	PI	9/1/2019	0.91	0.00%	100%	\$249,176	Pending
		Totals for	<b>Zhang, Haifeng</b>							<b>\$249,176</b>	
		Totals for	<b>Mechanical &amp; Energy Engineering</b>							<b>\$537,175</b>	
		Totals for	<b>College of Engineering</b>							<b>\$13,546,036</b>	
<i>College of Health &amp; Public Service</i>											
<i>Emergency Management &amp; Disaster Science</i>											
<b>Schumann, Ronald</b>											
19-0179 Proposal: New	Narratives of Resilience: Recognising Emergence and Organizing with Hope	Research - Basic	University of Florida	Not for Profit	PI	6/1/2019	2.91	48.50%	100%	\$550,633	Pending
		Totals for	<b>Schumann, Ronald</b>							<b>\$550,633</b>	
		Totals for	<b>Emergency Management &amp; Disaster Science</b>							<b>\$550,633</b>	
<i>Social Work</i>											
<b>Mukherjee, Dhruvodi</b>											
19-0057 Proposal: New	Influence of Psychiatric Service Dog program on military related PTSD and associated symptoms	Research - Basic	Spencer Foundation	Foundation	PI	4/1/2019	0.91	0.00%	100%	\$30,072	Pending
		Totals for	<b>Mukherjee, Dhruvodi</b>							<b>\$30,072</b>	
		Totals for	<b>Social Work</b>							<b>\$30,072</b>	
		Totals for	<b>College of Health &amp; Public Service</b>							<b>\$580,705</b>	

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**

**Smith, Daniella**

*Smith, D. , Co-PI; Information Science; Tyler-Wood, T. , PI; Learning Technologies; Eddy, C. , Co-PI; Teacher Education & Administration; Chelliah, S. , Co-PI; Linguistics*

18-0483 Proposal: New	Simulation Enhanced Training for Pre-Service Middle School STEM Teachers	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2019	3.91	48.50%	25%	\$710,526	Pending
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Totals for **Smith, Daniella** **\$710,526**

Totals for **Information Science** **\$710,526**

**Learning Technologies**

**Christensen, Rhonda**

*Christensen, R. , PI; Knezek, G. , Co-PI; Learning Technologies*

18-0561 Proposal: New	Mobile Adventure Pathways for Engaged Learning (MAPs for Learning)	Research - Development	National Science Foundation - Federal NSF		PI	9/1/2019	2.91	48.50%	50%	\$1,295,935	Pending
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Totals for **Christensen, Rhonda** **\$1,295,935**

**Knezek, Gerald**

*Knezek, G. , Co-PI; Christensen, R. , PI; Learning Technologies*

18-0561 Proposal: New	Mobile Adventure Pathways for Engaged Learning (MAPs for Learning)	Research - Development	National Science Foundation - Federal NSF		Co-PI	9/1/2019	2.91	48.50%	50%	\$1,295,935	Pending
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Totals for **Knezek, Gerald** **\$1,295,935**

**Tyler-Wood, Tandra**

*Tyler-Wood, T. , PI; Learning Technologies; Eddy, C. , Co-PI; Teacher Education & Administration; Chelliah, S. , Co-PI; Linguistics; Smith, D. , Co-PI; Information Science*

18-0483 Proposal: New	Simulation Enhanced Training for Pre-Service Middle School STEM Teachers	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2019	3.91	48.50%	25%	\$710,526	Pending
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Totals for **Tyler-Wood, Tandra** **\$710,526**

Totals for **Learning Technologies** **\$3,302,395**

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. , Co-PI; Linguistics; Tyler-Wood, T. , PI; Learning Technologies; Eddy, C. , Co-PI; Teacher Education & Administration; Smith, D. , Co-PI; Information Science*

18-0483 Proposal: New	Simulation Enhanced Training for Pre-Service Middle School STEM Teachers	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2019	3.91	48.50%	25%	\$710,526	Pending
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Totals for **Chelliah, Shobhana** **\$710,526**

**Palmer, Alexis**

19-0052 Proposal: New	RI: Small: Collaborative Research: Broadening Frame Semantic Parsing to Constructions Above and Below the Word Level	Research - Basic	National Science Foundation - Federal NSF	Federal Flow Thru	PI	7/1/2019	1.91	0.00%	100%	\$120,573	Pending
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Totals for **Palmer, Alexis** **\$120,573**

**Smith, Alexander**

19-0139 Proposal: New	A study of the demise of symmetrical voice and true-passive innovation in Lebo' Vo' (xkl), Malaysia	Research - Basic	National Science Foundation - Federal NSF		PI	8/1/2019	2.91	26.00%	100%	\$413,429	Pending
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Totals for **Smith, Alexander** **\$413,429**

Totals for **Linguistics** **\$1,244,528**

Totals for **College of Information** **\$5,257,448**

**College of Liberal Arts & Social Sciences**

**Psychology**

**Contractor, Ateka**

18-0608 Proposal: New	The dynamic association of PTSD, depression, and reckless behaviours in daily life: An experience sampling method study among trauma-exposed individuals from Israel	Research - Applied	United States-Israel Binational Science	Not for Profit	PI	10/1/2019	3	15.00%	100%	\$107,341	Pending
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Totals for **Contractor, Ateka** **\$107,341**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Taylor, Daniel</b>											
19-0150 Proposal: New	Sleep Homeostasis Acuity Readiness Program for Tele Sleep	Research - Applied	Design Interactive, Inc.	Federal Flow Thru	PI	8/30/2019	2	48.50%	100%	\$74,954	Pending
		Totals for	<b>Taylor, Daniel</b>							<b>\$74,954</b>	
		Totals for	<b>Psychology</b>							<b>\$182,295</b>	
		Totals for	<b>College of Liberal Arts &amp; Social Sciences</b>							<b>\$182,295</b>	

***College of Merchandising Hospitality and Tourism***

***Hospitality & Tourism***

**Kim, Young Hoon**

19-0191 Proposal: New	A case of city development: Incubating Village for DMZ (Demilitarized Zone: Dream and Miracle Zone)	Research - Basic	Korea Institute for International Economic Policy	Foreign	PI	12/1/2018	0.5	20.00%	100%	\$40,000	Pending
		Totals for	<b>Kim, Young Hoon</b>							<b>\$40,000</b>	
		Totals for	<b>Hospitality &amp; Tourism</b>							<b>\$40,000</b>	

***Merch & Digital Retailing***

**Xu, Bugao**

19-0104 Proposal: New	Dual-beard Fibrography for Cotton Length Distribution Measurement	Research - Applied	Cotton Incorporated	Not for Profit	PI	1/1/2019	0.91	15.00%	100%	\$39,994	Pending
		Totals for	<b>Xu, Bugao</b>							<b>\$39,994</b>	
		Totals for	<b>Merch &amp; Digital Retailing</b>							<b>\$39,994</b>	
		Totals for	<b>College of Merchandising Hospitality and Tourism</b>							<b>\$79,994</b>	

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 Science**

**Biological Sciences**

**Azad, Rajeev**

*Azad, R. , PI; Biological Sciences; Azad, R. , Co-PI; Mathematics*

19-0165 Proposal: New	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research - Basic	University of Missouri-Columbia	Federal Flow Thru	PI	12/1/2018	1.58	48.50%	60%	\$15,399	Pending
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Totals for **Azad, Rajeev** **\$15,399**

**Root, Douglas**

18-0417 Proposal: New	Length-dependent activation in human myocardium	Research - Basic	University of Kentucky	Federal Flow Thru	PI	7/1/2019	3.91	48.50%	100%	\$282,760	Pending
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Totals for **Root, Douglas** **\$282,760**

**Thompson, Ruthanne**

*Thompson, R. , Co-PI; Biological Sciences; Harrell, P. , PI; Subramaniam, K. , Co-PI; Teacher Education & Administration; Henson, R. , Co-PI; Educational Psychology*

19-0119 Proposal: New	What Every New Teacher Should Know about Short-Cycle Formative Assessment	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	8/1/2019	2.83	26.00%	10%	\$45,000	Pending
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Totals for **Thompson, Ruthanne** **\$45,000**

Totals for **Biological Sciences** **\$343,159**

**Chemistry**

**D'souza, Francis**

*D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering*

19-0146 Proposal: New	Construction and Studies on Photosensitizer-Transition Metal Dichalcogenide Donor-Acceptor Hybrids as Advanced Functional Materials	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	6/1/2019	2.91	48.50%	80%	\$398,176	Pending
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*D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering*

19-0148 Proposal: New	Heteroatom-Doped Graphene-Derived Donor-Acceptor Hybrids: Syntheses and Excited State Properties	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	6/1/2019	2.91	0.00%	80%	\$265,732	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	<b>D'souza, Francis</b>							<b>\$663,908</b>	
<b>Simmons, Denise</b>											
<i>Simmons, D. , Co-PI; Chemistry; Choi, T. , PI; Mechanical &amp; Energy Engineering</i>											
19-0041 Proposal: New	Thermal conductivity and diffusivity of human cells as biomarkers in early-stage ovarian cancer detection	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	4/1/2019	2.91	48.50%	20%	\$72,000	Pending
		Totals for	<b>Simmons, Denise</b>							<b>\$72,000</b>	
		Totals for	<b>Chemistry</b>							<b>\$735,908</b>	
<b>College Of Science - Student Services</b>											
<b>Beck, Debrah</b>											
19-0124 Proposal: New	Joint Admission Medical Program Special Project 2019	Student Support	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State of TX	PI	1/2/2019	0.41	0.00%	100%	\$19,867	Pending
		Totals for	<b>Beck, Debrah</b>							<b>\$19,867</b>	
		Totals for	<b>College Of Science - Student Services</b>							<b>\$19,867</b>	
<b>Mathematics</b>											
<b>Azad, Rajeev</b>											
<i>Azad, R. , Co-PI; Mathematics; Azad, R. , PI; Biological Sciences</i>											
19-0165 Proposal: New	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research - Basic	University of Missouri-Columbia	Federal Flow Thru	Co-PI	12/1/2018	1.58	48.50%	40%	\$10,266	Pending
		Totals for	<b>Azad, Rajeev</b>							<b>\$10,266</b>	
		Totals for	<b>Mathematics</b>							<b>\$10,266</b>	
<b>Physics</b>											
<b>Littler, Christopher</b>											
<i>Littler, C. , Co-PI; Syllaios, A. , PI; Philipose, U. , Co-PI; Physics</i>											
19-0170 Proposal: New	DRS project; Export Controlled at Award - Title removed	Research - Development	DRS Network Imaging Systems, LLC	Industry	Co-PI	10/1/2018	0.16	48.50%	20%	\$15,260	Pending
		Totals for	<b>Littler, Christopher</b>							<b>\$15,260</b>	



File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Philipose, Usha</b>											
<i>Philipose, U. , Co-PI; Syllaios, A. , PI; Littler, C. , Co-PI; Physics</i>											
19-0170 Proposal: New	DRS project; Export Controlled at Award - Title removed	Research - Development	DRS Network Imaging Systems, LLC	Industry	Co-PI	10/1/2018	0.16	48.50%	30%	\$22,890	Pending
Totals for <b>Philipose, Usha</b>										<b>\$22,890</b>	
<b>Syllaios, Athanasios</b>											
<i>Syllaios, A. , PI; Philipose, U. , Co-PI; Littler, C. , Co-PI; Physics</i>											
19-0170 Proposal: New	DRS project; Export Controlled at Award - Title removed	Research - Development	DRS Network Imaging Systems, LLC	Industry	PI	10/1/2018	0.16	48.50%	50%	\$38,150	Pending
Totals for <b>Syllaios, Athanasios</b>										<b>\$38,150</b>	
Totals for <b>Physics</b>										<b>\$76,300</b>	
Totals for <b>College of Science</b>										<b>\$1,185,500</b>	
<b>College of Visual Arts &amp; Design</b>											
<b>College of Visual Arts &amp; Design - Dean's Office</b>											
<b>Ligon, John</b>											
19-0118 Proposal: New	One College, One Building- A Story of Transformation	Instruction	UNT Foundation	Not for Profit Flow Thru	PI	7/16/2018	1	48.50%	100%	\$25,000	Awarded
Totals for <b>Ligon, John</b>										<b>\$25,000</b>	
Totals for <b>College of Visual Arts &amp; Design - Dean's Office</b>										<b>\$25,000</b>	
Totals for <b>College of Visual Arts &amp; Design</b>										<b>\$25,000</b>	
Totals for <b>UNT</b>										<b>\$23,771,249</b>	
<b>Totals for November FY2019:</b>										<b>\$23,771,249</b>	