

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

Proposals Total by College	June 2017	June 2018	YTD FY2017	YTD FY2018
College of Arts and Sciences	\$ -	\$ -	\$ 72,975,609	\$ -
College of Business	\$ -	\$ 77,432	\$ 2,466,094	\$ 1,008,227
College of Education	\$ 1,443,526	\$ 17,068	\$ 13,720,932	\$ 7,072,791
College of Engineering	\$ 2,525,300	\$ 15,292,671	\$ 62,859,054	\$ 101,655,780
College of Health & Public Service (prev. PACS)	\$ 482,414	\$ 1,045,656	\$ 6,591,745	\$ 5,960,861
College of Information	\$ 10,000	\$ 339,324	\$ 4,015,228	\$ 5,651,225
College of Liberal Arts & Social Sciences	\$ 1,617,770	\$ 663,754	\$ 1,617,770	\$ 17,914,050
College of Merchandising Hospitality and Tourism	\$ -	\$ -	\$ 647,032	\$ 133,033
College of Music	\$ -	\$ -	\$ 20,001	\$ 74,485
College of Science	\$ 5,800,274	\$ 11,840,900	\$ 6,917,591	\$ 51,491,401
College of Visual Arts and Design	\$ -	\$ -	\$ -	\$ 228,665
School of Journalism	\$ 34,996	\$ -	\$ 430,391	\$ 94,938
Other ¹	\$ 258,354	\$ 154,458	\$ 6,188,807	\$ 1,625,908
Grand Total:	\$ 12,172,633	\$ 29,431,264	\$ 178,450,253	\$ 192,911,365

Proposals Total by Category

Instruction	\$ 363,707	\$ 346,598	\$ 9,203,397	\$ 5,650,854
Public Service	\$ 1,409,233	\$ 11,000	\$ 10,499,506	\$ 4,461,181
Research (Applied, Basic, Development)	\$ 10,399,693	\$ 29,050,166	\$ 157,738,075	\$ 182,432,583
Other ²	\$ -	\$ 23,500	\$ 1,009,275	\$ 366,746
Grand Total:	\$ 12,172,633	\$ 29,431,264	\$ 178,450,253	\$ 192,911,365

Proposals Total by Source of Funding

Federal	\$ 8,602,074	\$ 25,589,888	\$ 144,386,205	\$ 172,960,850
Private	\$ 938,354	\$ 169,587	\$ 17,429,690	\$ 10,973,711
State	\$ 2,632,205	\$ 3,671,788	\$ 16,634,358	\$ 8,976,804
Grand Total:	\$ 12,172,633	\$ 29,431,264	\$ 178,450,253	\$ 192,911,365

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, June FY2018

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

Finance, Insurance, Real Estate & Law

Ma, Yu-luen

18-0506 Proposal: New	Triggering Driving Behavior Changes with Insurance Telematics, Socioeconomic Behavioral Experiments and Transportation Big Data	Research - Basic	Missouri University of Science Technology	Foundation Flow Thru	PI	1/9/2019	1.16	20.00%	100%	\$77,432	Pending
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Totals for **Ma, Yu-luen** \$77,432

Totals for **Finance, Insurance, Real Estate & Law** \$77,432

Totals for **College of Business** \$77,432

College of Education

Counseling & Higher Education

Lindo, Natalya

18-0546 Proposal: Transfer (PI)	Enhancing Early Childhood Instruction to Support Children's Self-Regulation, Executive Functioning, and Readiness to Learn	Research - Basic	University of New Mexico	Not for Profit	PI	9/1/2018	0.91	8.00%	100%	\$17,068	Pending
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Totals for **Lindo, Natalya** \$17,068

Totals for **Counseling & Higher Education** \$17,068

Totals for **College of Education** \$17,068

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Engineering											
Biomedical Engineering											
Chang, Lingqian											
18-0464 Proposal: New	Pulmonary Probing Nano-platform for controlling induced fibrosis in Idiopathic Pulmonary Fibrosis using microDNAs	Research - Basic	National Institutes of Health - NIH	Federal	PI	4/1/2019	1.91	48.50%	100%	\$398,775	Withdrawn
		Totals for	Chang, Lingqian							\$398,775	
Yang, Yong											
<i>Yang, Y. , Co-PI; Biomedical Engineering; Manzo, M. , PI; Kougianos, E. , Co-PI; Engineering Technology; Mohanty, S. , Co-PI; Computer Science & Engineering</i>											
18-0406 Proposal: New	Microlasers Based Dye Doped Polymeric Resonators for Brain Activity Stimulation and Monitoring	Research - Applied	Defense Advanced Research Projects Agency - DARPA	Federal	Co-PI	11/1/2018	3.91	48.50%	2%	\$174,140	Pending
<i>Yang, Y. , PI; Biomedical Engineering; Lund, A. , Co-PI; Biological Sciences</i>											
18-0479 Proposal: New	Blood-Tumor-Barrier (BTB) Chips for Brain Metastasis of Breast Cancer	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	3/1/2019	2.91	5.26%	70%	\$942,795	Pending
		Totals for	Yang, Yong							\$1,116,935	
		Totals for	Biomedical Engineering							\$1,515,710	
Computer Science & Engineering											
Blanco Villar, Eduardo											
<i>Blanco Villar, E. , Co-PI; Takabi, H. , PI; Computer Science & Engineering</i>											
18-0549 Proposal: New	Advanced Data Science Course for Cybersecurity Professionals	Instruction	National Security Agency - NSA	Federal	Co-PI	9/15/2018	1	48.00%	50%	\$104,299	Pending
		Totals for	Blanco Villar, Eduardo							\$104,299	
Dantu, Ramanamurthy											
<i>Dantu, R. , PI; Computer Science & Engineering; Wang, Z. , Co-PI; Communication Studies; Hauge, J. , Co-PI; Economics</i>											
18-0430 Proposal: New	FW-HTF: Theme 2: Transformative Cyber Assistants and Metrics for Lifelong Learning, Creativity, and Sustained Profitability in the New Economy	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2018	3.91	48.50%	80%	\$800,000	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
18-0533 Proposal: Supplement	EAGER: Transformative Emergency Dispatch Protocols for a Sixty Second Response	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2018	0.91	0.00%	100%	\$16,000	Pending
18-0535 Proposal: Supplement	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2018	0.91	0.00%	100%	\$16,000	Pending
			Totals for	Dantu, Ramanamurthy						\$832,000	
Jin, Wei											
18-0504 Proposal: New	EAGER: Collaborative Research: Real-Time: Real-Time Predictive Analytics and Adaptive Network for Hotspots and Evolution Bifurcation Detection in Energy Transportation Systems	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2018	1.91	48.50%	100%	\$90,274	Pending
			Totals for	Jin, Wei						\$90,274	
Mohanty, Saraju											
<i>Mohanty, S. , Co-PI; Computer Science & Engineering; Manzo, M. , PI; Kougianos, E. , Co-PI; Engineering Technology; Yang, Y. , Co-PI; Biomedical Engineering</i>											
18-0406 Proposal: New	Microlasers Based Dye Doped Polymeric Resonators for Brain Activity Stimulation and Monitoring	Research - Applied	Defense Advanced Research Projects Agency - DARPA	Federal	Co-PI	11/1/2018	3.91	48.50%	24%	\$2,089,677	Pending
			Totals for	Mohanty, Saraju						\$2,089,677	
Nielsen, Rodney											
<i>Nielsen, R. , Co-PI; Computer Science & Engineering; Parsons, T. , PI; Learning Technologies</i>											
18-0497 Proposal: New	Collaborative Research:FW-HTF Theme 2:Improving STEM Workforce Readiness of Autistic Persons by Optimizing Mixed Reality Cognitive Assistance to Assess and Augment Social Cognition	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2018	4.91	48.50%	50%	\$293,725	Pending
			Totals for	Nielsen, Rodney						\$293,725	

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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Takabi, Hassan

18-0490 Proposal: New	Proposal for DoD Phase I SBIR 18.2, Topic No. SCO182-009-Secure Computing with Neural Networks (SECURE NN)	Research - Development	Charles River Analytics, Inc.	Federal Flow Thru	PI	10/1/2018	0.41	48.50%	100%	\$49,778	Pending
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Takabi, H. , PI; Blanco Villar, E. , Co-PI; Computer Science & Engineering

18-0549 Proposal: New	Advanced Data Science Course for Cybersecurity Professionals	Instruction	National Security Agency - NSA	Federal	PI	9/15/2018	1	48.00%	50%	\$104,299	Pending
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Totals for **Takabi, Hassan** **\$154,077**

Totals for **Computer Science & Engineering** **\$3,564,052**

Electrical Engineering

Kaul, Anupama

Kaul, A. , Co-PI; Electrical Engineering; Kaul, A. , PI; Materials Science & Engineering

18-0375 Proposal: Supplement	Supplement Request - EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Equipment	National Science Foundation - NSF	Federal	Co-PI	6/18/2018	0.91	0.00%	20%	\$4,700	Pending
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Totals for **Kaul, Anupama** **\$4,700**

Mahbub, Ifana

Mahbub, I. , PI; Electrical Engineering; Toussaint, K. , Co-PI; Ortu, D. , Co-PI; Behavior Analysis

18-0427 Proposal: New	Wearable Wireless EEG Recording System for Early Intensive Behavioral Intervention (EIBI) using Visual Event- Related Potentials for Children with Autism Spectrum Disorder (ASD)	Research - Development	National Institutes of Health - NIH	Federal	PI	4/1/2019	1.91	48.50%	50%	\$189,565	Pending
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Totals for **Mahbub, Ifana** **\$189,565**

Totals for **Electrical Engineering** **\$194,265**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Engineering Technology											
Anaya, Leticia											
<i>Anaya, L. , PI; Manzo, M. , Co-PI; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
18-0505	Denton County Robotics Program	Public Service	Best Buy	Industry	PI	5/25/2018	2.58	48.50%	75%	\$8,250	Pending
Proposal: New											
Totals for Anaya, Leticia										\$8,250	
Kougianos, Elias											
<i>Kougianos, E. , Co-PI; Manzo, M. , PI; Engineering Technology; Mohanty, S. , Co-PI; Computer Science & Engineering; Yang, Y. , Co-PI; Biomedical Engineering</i>											
18-0406	Microlasers Based Dye Doped Polymeric Resonators for Brain Activity Stimulation and Monitoring	Research - Applied	Defense Advanced Research Projects Agency - DARPA	Federal	Co-PI	11/1/2018	3.91	48.50%	24%	\$2,089,677	Pending
Proposal: New											
Totals for Kougianos, Elias										\$2,089,677	
Manzo, Maurizio											
<i>Manzo, M. , PI; Kougianos, E. , Co-PI; Engineering Technology; Mohanty, S. , Co-PI; Computer Science & Engineering; Yang, Y. , Co-PI; Biomedical Engineering</i>											
18-0406	Microlasers Based Dye Doped Polymeric Resonators for Brain Activity Stimulation and Monitoring	Research - Applied	Defense Advanced Research Projects Agency - DARPA	Federal	PI	11/1/2018	3.91	48.50%	50%	\$4,353,494	Pending
Proposal: New											
<i>Manzo, M. , Co-PI; Anaya, L. , PI; Siller Carrillo, H. , Co-PI; Engineering Technology</i>											
18-0505	Denton County Robotics Program	Public Service	Best Buy	Industry	Co-PI	5/25/2018	2.58	48.50%	12.5%	\$1,375	Pending
Proposal: New											
Totals for Manzo, Maurizio										\$4,354,869	
Siller Carrillo, Hector											
<i>Siller Carrillo, H. , Co-PI; Anaya, L. , PI; Manzo, M. , Co-PI; Engineering Technology</i>											
18-0505	Denton County Robotics Program	Public Service	Best Buy	Industry	Co-PI	5/25/2018	2.58	48.50%	12.5%	\$1,375	Pending
Proposal: New											
Totals for Siller Carrillo, Hector										\$1,375	
Totals for Engineering Technology										\$6,454,170	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Materials Science & Engineering											
D'souza, Francis											
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
18-0541 Proposal: Resubmissio	Tissue thermometry via multi-color ultrasound-switchable fluorescence for monitoring HIFU treatment	Research - Basic	University of Texas at Arlington	Federal Flow Thru	Co-PI	9/1/2019	4.91	48.50%	20%	\$39,902	Pending
		Totals for	D'souza, Francis							\$39,902	
Kaul, Anupama											
<i>Kaul, A. , PI; Materials Science & Engineering; Kaul, A. , Co-PI; Electrical Engineering</i>											
18-0375 Proposal: Supplement	Supplement Request - EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Equipment	National Science Foundation - NSF		PI	6/18/2018	0.91	0.00%	80%	\$18,800	Pending
		Totals for	Kaul, Anupama							\$18,800	
Mishra, Rajiv											
18-0519 Proposal: New	Structure-Sensitive Process Modelling of Self-Reacting Friction Stir Welding	Research - Basic	Rice University	Federal Flow Thru	PI	1/1/2019	2.91	48.50%	100%	\$242,934	Pending
		Totals for	Mishra, Rajiv							\$242,934	
Mukherjee, Sundeep											
18-0518 Proposal: New	ADDITIVE MANUFACTURING OF TRANSFORMATIVE COMPLEX CONCENTRATED ALLOYS FOR NEXT GENERATION NUCLEAR APPLICATIONS	Research - Basic	ATS-MER, LLC	Federal Flow Thru	PI	2/1/2019	2.41	48.50%	100%	\$2,094,446	Pending
		Totals for	Mukherjee, Sundeep							\$2,094,446	
		Totals for	Materials Science & Engineering							\$2,396,082	

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

18-0442 Proposal: New	Thermal Biomarkers in Cancer: Thermal conductivity and diffusivity in human cells to detect early stages of ovarian cancer	Research - Applied	Cancer Prevention and Research Institute of Texas	State of TX	PI	2/1/2019	2.91	5.26%	100%	\$450,001	Pending
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Totals for **Choi, Tae-Youl** **\$450,001**

John, Kuruvilla

18-0484 Proposal: New	Air Quality Monitoring for Ozone in Corpus Christi	Research - Applied	Port Industries of Corpus Christi	Not for Profit	PI	6/1/2018	0.5	48.50%	100%	\$47,000	Awarded
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Totals for **John, Kuruvilla** **\$47,000**

Zhao, Weihuan

Zhao, W. , Co-PI; Mechanical & Energy Engineering; Omary, M. , PI; Chemistry; Burggren, W. , Co-PI; Biological Sciences

18-0543 Proposal: New	Energy Savings and Human Physiological Impacts Associated with Modulation of the Intensity and Color Temperature of High-Efficiency, Sustainable Solid-State Lighting	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	9/1/2018	2.91	48.50%	33%	\$671,392	Pending
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Totals for **Zhao, Weihuan** **\$671,392**

Totals for **Mechanical & Energy Engineering** **\$1,168,393**

Totals for **College of Engineering** **\$15,292,671**

College of Health & Public Service

Behavior Analysis

Ortu, Daniele

Ortu, D. , Co-PI; Toussaint, K. , Co-PI; Behavior Analysis; Mahbub, I. , PI; Electrical Engineering

18-0427 Proposal: New	Wearable Wireless EEG Recording System for Early Intensive Behavioral Intervention (EIBI) using Visual Event-Related Potentials for Children with Autism Spectrum Disorder (ASD)	Research - Development	National Institutes of Health - NIH	Federal	Co-PI	4/1/2019	1.91	48.50%	25%	\$94,782	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	Ortu, Daniele						\$94,782	
Toussaint, Karen											
<i>Toussaint, K. , Co-PI; Ortu, D. , Co-PI; Behavior Analysis; Mahbub, I. , PI; Electrical Engineering</i>											
18-0427 Proposal: New	Wearable Wireless EEG Recording System for Early Intensive Behavioral Intervention (EIBI) using Visual Event-Related Potentials for Children with Autism Spectrum Disorder (ASD)	Research - Development	National Institutes of Health - NIH	Federal	Co-PI	4/1/2019	1.91	48.50%	25%	\$94,782	Pending
			Totals for	Toussaint, Karen						\$94,782	
			Totals for	Behavior Analysis						\$189,565	
College of Health & Public Service - Dean's Office - General											
Dash, Nicole											
18-0456 Proposal: New	Designing Primary Care Exam Rooms to Support Exam Room Computing and the Patient-Centered Medical Home	Research - Basic	University of Louisville	Federal Flow Thru	PI	12/1/2018	2.91	48.50%	100%	\$123,495	Pending
			Totals for	Dash, Nicole						\$123,495	
			Totals for	College of Health & Public Service - Dean's Office - General						\$123,495	
Criminal Justice											
Belshaw, Scott											
<i>Belshaw, S. , PI; Miller, B. , Co-PI; Criminal Justice</i>											
18-0507 Proposal: New	Deputize America Product Evaluation	Research - Basic	Deputize America, LLC	Industry	PI	6/15/2018	1.08	0.00%	50%	\$8,543	Pending
			Totals for	Belshaw, Scott						\$8,543	
Miller, Brooke											
<i>Miller, B. , Co-PI; Belshaw, S. , PI; Criminal Justice</i>											
18-0507 Proposal: New	Deputize America Product Evaluation	Research - Basic	Deputize America, LLC	Industry	Co-PI	6/15/2018	1.08	0.00%	50%	\$8,543	Pending
			Totals for	Miller, Brooke						\$8,543	
			Totals for	Criminal Justice						\$17,085	

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

Brooks, Jessica

18-0339 Proposal: New	Preventing Opioid Misuse through Enhanced Pain and Depression Management in Aging Adults with Serious Mental Illness	Research - Basic	National Institutes of Health - NIH	Federal	PI	4/15/2019	3	48.50%	100%	\$715,511	Pending
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Totals for **Brooks, Jessica** **\$715,511**

Totals for **Disability & Addiction Rehabilitation** **\$715,511**

Totals for **College of Health & Public Service** **\$1,045,656**

College of Information

Information Science

Marino, John

Marino, J. , PI; Schultz-Jones, B. , Co-PI; Information Science

18-0305 Proposal: New	Preparing Librarians for Data Literacy Leadership	Research - Applied	Institute of Museum and Library Services - IMLS	Federal	PI	10/1/2018	0.91	48.50%	50%	\$22,800	Pending
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Totals for **Marino, John** **\$22,800**

Schultz-Jones, Barbara

Schultz-Jones, B. , Co-PI; Marino, J. , PI; Information Science

18-0305 Proposal: New	Preparing Librarians for Data Literacy Leadership	Research - Applied	Institute of Museum and Library Services - IMLS	Federal	Co-PI	10/1/2018	0.91	48.50%	50%	\$22,800	Pending
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Totals for **Schultz-Jones, Barbara** **\$22,800**

Totals for **Information Science** **\$45,599**

Learning Technologies

Parsons, Thomas

Parsons, T. , PI; Learning Technologies; Nielsen, R. , Co-PI; Computer Science & Engineering

18-0497 Proposal: New	Collaborative Research:FW-HTF Theme 2:Improving STEM Workforce Readiness of Autistic Persons by Optimizing Mixed Reality Cognitive Assistance to Assess and Augment Social Cognition	Research - Applied	National Science Foundation - NSF	Federal	PI	9/1/2018	4.91	48.50%	50%	\$293,725	Pending
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Parsons, Thomas							\$293,725	
		Totals for	Learning Technologies							\$293,725	
		Totals for	College of Information							\$339,324	

College of Liberal Arts & Social Sciences

Communication Studies

Wang, Zuoming

Wang, Z. , Co-PI; Communication Studies; Dantu, R. , PI; Computer Science & Engineering; Hauge, J. , Co-PI; Economics

18-0430 Proposal: New	FW-HTF: Theme 2: Transformative Cyber Assistants and Metrics for Lifelong Learning, Creativity, and Sustained Profitability in the New Economy	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2018	3.91	48.50%	5%	\$50,000	Pending
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Totals for	Wang, Zuoming									\$50,000	
Totals for	Communication Studies									\$50,000	

Economics

Hauge, Janice

Hauge, J. , Co-PI; Economics; Dantu, R. , PI; Computer Science & Engineering; Wang, Z. , Co-PI; Communication Studies

18-0430 Proposal: New	FW-HTF: Theme 2: Transformative Cyber Assistants and Metrics for Lifelong Learning, Creativity, and Sustained Profitability in the New Economy	Research - Basic	National Science Foundation - Federal NSF		Co-PI	9/1/2018	3.91	48.50%	15%	\$150,000	Pending
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Totals for	Hauge, Janice									\$150,000	
Totals for	Economics									\$150,000	

History

Torget, Andrew

18-0443 Proposal: New	Digital Austin Papers: Integrating Natural Language Processing Tools into an Online Historical Archive	Research - Basic	National Endowment for the Humanities - NEH	Federal	PI	1/1/2019	1.41	31.50%	100%	\$100,000	Pending
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Totals for	Torget, Andrew									\$100,000	
Totals for	History									\$100,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Political Science											
Biglaiser, Glen											
18-0491 Proposal: New	Doctoral Dissertation Research: Risky Business: A Sub-National Analysis of the Effects of Organized Crime on Foreign Direct Investment in Mexico	Research - Basic	National Science Foundation - Federal NSF		PI	1/1/2019	0.91	48.50%	100%	\$22,186	Pending
		Totals for	Biglaiser, Glen							\$22,186	
Demeritt, Jacqueline											
18-0525 Proposal: New	Doctoral Dissertation Research: How Conflict Becomes Embedded in Institutions and State Behavior	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2018	1.91	48.50%	100%	\$52,731	Pending
		Totals for	Demeritt, Jacqueline							\$52,731	
		Totals for	Political Science							\$74,917	
Psychology											
Blumenthal, Heidemarie											
18-0528 Proposal: Supplement	Modeling marijuana use willingness and problems as a function of social rejection and social anxiety among adolescents	Research - Applied	National Institutes of Health - NIH	Federal	PI	5/14/2018	1.08	0.00%	100%	\$480	Awarded
		Totals for	Blumenthal, Heidemarie							\$480	
Taylor, Daniel											
18-0550 Proposal: New	MRSC Sleep and Suicide	Research - Applied	University of Pennsylvania	Federal Flow Thru	PI	1/1/2019	1.91	48.50%	100%	\$288,357	Pending
		Totals for	Taylor, Daniel							\$288,357	
		Totals for	Psychology							\$288,837	
		Totals for	College of Liberal Arts & Social Sciences							\$663,754	

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											
Azad, Rajeev											
<i>Azad, R. , Co-PI; Shulaev, V. , PI; Wang, X. , Co-PI; Liu, C. , Co-PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
17-0366 Proposal: New	RESEARCH-PGR: Clustering of plant metabolic pathways: from genome to metabolon	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	1/1/2019	3.91	48.50%	12%	\$393,134	Pending
		Totals for	Azad, Rajeev							\$393,134	
Burggren, Warren											
18-0468 Proposal: New	A Novel, High Throughput Model for Vascular Malformations: Etiology, Treatment and Prevention	Research - Applied	U.S. Department of Defense - DOD	Federal	PI	1/1/2019	1.41	48.50%	100%	\$282,105	Pending
<i>Burggren, W. , Co-PI; Biological Sciences; Omary, M. , PI; Chemistry; Zhao, W. , Co-PI; Mechanical & Energy Engineering</i>											
18-0543 Proposal: New	Energy Savings and Human Physiological Impacts Associated with Modulation of the Intensity and Color Temperature of High-Efficiency, Sustainable Solid-State Lighting	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	9/1/2018	2.91	48.50%	33%	\$671,392	Pending
		Totals for	Burggren, Warren							\$953,497	
Hoeinghaus, David											
18-0545 Proposal: New	Environmental Flow Regime Assessment and Development of a Monitoring Framework	Research - Applied	Texas AM AgriLife Extension Service	State of TX Flow Thru	PI	7/31/2018	1.08	48.50%	100%	\$74,528	Pending
		Totals for	Hoeinghaus, David							\$74,528	
Liu, Chenggang											
<i>Liu, C. , Co-PI; Shulaev, V. , PI; Wang, X. , Co-PI; Azad, R. , Co-PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
17-0366 Proposal: New	RESEARCH-PGR: Clustering of plant metabolic pathways: from genome to metabolon	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	1/1/2019	3.91	48.50%	20%	\$655,223	Pending
		Totals for	Liu, Chenggang							\$655,223	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Lund, Amie											
18-0477 Proposal: New	PM-mediated alterations in microbiota-produced AhR ligands and subsequent BBB disruption.	Research - Basic	National Institutes of Health - NIH	Federal	PI	4/1/2019	1.91	48.50%	100%	\$403,888	Pending
<i>Lund, A. , Co-PI; Biological Sciences; Yang, Y. , PI; Biomedical Engineering</i>											
18-0479 Proposal: New	Blood-Tumor-Barrier (BTB) Chips for Brain Metastasis of Breast Cancer	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	Co-PI	3/1/2019	2.91	5.26%	30%	\$404,055	Pending
Totals for										Lund, Amie	\$807,943
Roberts, Aaron											
18-0515 Proposal: New	State of Maine IDIQ RFP 2 - EEA	Research - Applied	Abt Associates, Inc.	Other (Non-TX State) Govt Flow Thru	PI	1/1/2019	1	0.00%	100%	\$1	Pending
18-0516 Proposal: New	State of Maine IDIQ RFP 1 - Field Contractor	Research - Applied	Abt Associates, Inc.	Other (Non-TX State) Govt Flow Thru	PI	1/1/2019	1	0.00%	100%	\$1	Pending
Totals for										Roberts, Aaron	\$2
Shulaev, Vladimir											
<i>Shulaev, V. , PI; Wang, X. , Co-PI; Azad, R. , Co-PI; Liu, C. , Co-PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
17-0366 Proposal: New	RESEARCH-PGR: Clustering of plant metabolic pathways: from genome to metabolon	Research - Basic	National Science Foundation - NSF	Federal	PI	1/1/2019	3.91	48.50%	40%	\$1,310,446	Pending
18-0502 Proposal: New	Protein Targets of Nitroxidative Stress-induced Posttranslational Modification in the Brain in a Zebrafish Model	Research - Basic	University of North Texas Health Science at Forth Worth	Federal Flow Thru	PI	4/1/2019	1.91	48.50%	100%	\$204,764	Pending
Totals for										Shulaev, Vladimir	\$1,515,210

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Wang, Xiaoqiang											
<i>Wang, X. , Co-PI; Shulaev, V. , PI; Azad, R. , Co-PI; Liu, C. , Co-PI; Biological Sciences; Azad, R. , Co-PI; Mathematics</i>											
17-0366 Proposal: New	RESEARCH-PGR: Clustering of plant metabolic pathways: from genome to metabolon	Research - Basic	National Science Foundation - Federal NSF		Co-PI	1/1/2019	3.91	48.50%	20%	\$655,223	Pending
18-0489 Proposal: New	Engineering UGTs as novel biocatalysts for O- and C-glycosylation of bioactive compounds and drugs with various sugar donors	Research - Basic	National Institutes of Health - NIH	Federal	PI	4/1/2019	1.91	48.50%	100%	\$408,375	Declined
		Totals for	Wang, Xiaoqiang							\$1,063,598	
		Totals for	Biological Sciences							\$5,463,135	
Chemistry											
Bagus, Paul											
18-0481 Proposal: New	Fundamental Mechanisms of Reactivity at Complex Geochemical Interfaces	Research - Basic	Pacific Northwest National Laboratory - PNNL	Federal Flow Thru	PI	10/1/2018	2.91	48.50%	100%	\$213,200	Pending
		Totals for	Bagus, Paul							\$213,200	
D'souza, Francis											
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
18-0541 Proposal: Resubmissio	Tissue thermometry via multi-color ultrasound-switchable fluorescence for monitoring HIFU treatment	Research - Basic	University of Texas at Arlington	Federal Flow Thru	PI	9/1/2019	4.91	48.50%	80%	\$159,606	Pending
		Totals for	D'souza, Francis							\$159,606	
Omary, Mohammad											
<i>Omary, M. , PI; Chemistry; Burggren, W. , Co-PI; Biological Sciences; Zhao, W. , Co-PI; Mechanical & Energy Engineering</i>											
18-0543 Proposal: New	Energy Savings and Human Physiological Impacts Associated with Modulation of the Intensity and Color Temperature of High-Efficiency, Sustainable Solid-State Lighting	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	9/1/2018	2.91	48.50%	34%	\$691,737	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
18-0544 Proposal: New	Spectrum-Tunable and High-Efficiency Color-Mixed LED Package Using Nanocrystal Down-Converters	Research - Applied	Georgia Institute of Technology	Federal Flow Thru	PI	9/1/2018	2.91	48.50%	100%	\$268,000	Pending
Totals for			Omary, Mohammad							\$959,737	
Simmons, Denise											
<i>Simmons, D. , Co-PI; Chemistry; Choi, T. , PI; Mechanical & Energy Engineering</i>											
18-0442 Proposal: New	Thermal Biomarkers in Cancer: Thermal conductivity and diffusivity in human cells to detect early stages of ovarian cancer	Research - Applied	Cancer Prevention and Research Institute of Texas	State of TX	Co-PI	2/1/2019	2.91	5.26%	0%	\$0	Pending
Totals for			Simmons, Denise							\$0	
Totals for			Chemistry							\$1,332,543	
Institute of Applied Sciences											
Bridges, Kristin											
18-0376 Proposal: New	Zebrafish as a model for understanding developmental neurotoxicity	Research - Applied	National Institutes of Health - NIH	Federal	PI	4/1/2019	3.91	8.00%	100%	\$102,846	Pending
Totals for			Bridges, Kristin							\$102,846	
Totals for			Institute of Applied Sciences							\$102,846	
Mathematics											
Azad, Rajeev											
<i>Azad, R. , Co-PI; Mathematics; Shulaev, V. , PI; Wang, X. , Co-PI; Azad, R. , Co-PI; Liu, C. , Co-PI; Biological Sciences</i>											
17-0366 Proposal: New	RESEARCH-PGR: Clustering of plant metabolic pathways: from genome to metabolon	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	1/1/2019	3.91	48.50%	8%	\$262,089	Pending
Totals for			Azad, Rajeev							\$262,089	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Wang, Xuexia											
18-0499 Proposal: Resubmissio	Bone Marrow Transplant Survivor Study-	Research - Basic	The University of Alabama at Birmingham	Federal Flow Thru	PI	4/1/2019	4.91	48.50%	100%	\$296,474	Pending
18-0508 Proposal: New	SNs genetic risk discovery and prediction	Research - Basic	Cancer Prevention and Research Institute of Texas	State of TX	PI	4/1/2019	3.91	5.26%	100%	\$1,800,409	Pending
		Totals for	Wang, Xuexia							\$2,096,883	
		Totals for	Mathematics							\$2,358,973	
Physics											
Andreussi, Oliviero											
18-0488 Proposal: New	Flexible and Open-Source Models of Realistic Electrochemical Setups	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	1/1/2019	2.91	48.50%	100%	\$900,001	Pending
		Totals for	Andreussi, Oliviero							\$900,001	
Grigolini, Paolo											
18-0448 Proposal: New	Shaping Behavioral Sciences to Improve the Efficiency of Small Groups	Research - Basic	Army Research Office - ARO	Federal	PI	11/1/2018	2.91	48.50%	100%	\$1,683,402	Pending
		Totals for	Grigolini, Paolo							\$1,683,402	
		Totals for	Physics							\$2,583,403	
		Totals for	College of Science							\$11,840,900	
Admin											
University IT (UIT)											
Vadapalli, Ravi											
18-0485 Proposal: New	NSF I/UCRC Cloud and Autonomic Computing Center IAB Meeting at UNT	Research - Development	Texas Tech University	Federal Flow Thru	PI	6/1/2018	0.75	48.50%	100%	\$16,458	Pending
		Totals for	Vadapalli, Ravi							\$16,458	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
		Totals for	University IT (UIT)								\$16,458	
		Totals for	Admin								\$16,458	

Provost

Toulouse Graduate School

Oppong, Joseph

18-0409 Proposal: New	Thermodynamic Database of Metal-Ligand Bond Energies to Guide Catalysis Research for Earth Abundant Heavy Transition Metals.	Instruction	National Science Foundation - Federal NSF		PI	8/1/2018	5.33	0.00%	100%	\$138,000	Pending
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		Totals for	Oppong, Joseph								\$138,000	
		Totals for	Toulouse Graduate School								\$138,000	
		Totals for	Provost								\$138,000	
		Totals for	UNT								\$29,431,264	
		Totals for	June FY2018:								\$29,431,264	