

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

Proposals Total by College	October 2017	October 2018	YTD FY2018	YTD FY2019
College of Business	\$ 72,596	\$ -	\$ 771,441	\$ -
College of Education	\$ 387,454	\$ 2,500	\$ 1,009,977	\$ 182,416
College of Engineering	\$ 9,570,414	\$ 9,451,614	\$ 14,763,289	\$ 15,777,089
College of Health & Public Service (prev. PACS)	\$ 70,525	\$ 641,760	\$ 394,449	\$ 641,760
College of Information	\$ 78,396	\$ 939,209	\$ 1,735,714	\$ 2,767,199
College of Liberal Arts & Social Sciences	\$ 9,858,749	\$ 845,651	\$ 12,187,812	\$ 3,756,444
College of Merchandising Hospitality and Tourism	\$ 68,792	\$ 38,615	\$ 68,792	\$ 38,615
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ 6,089,915	\$ 9,279,655	\$ 13,436,823	\$ 14,485,800
College of Visual Arts and Design	\$ -	\$ -	\$ -	\$ -
School of Journalism	\$ 93,938	\$ -	\$ 93,938	\$ 120,090
Other ¹	\$ 432,073	\$ 858,791	\$ 579,524	\$ 1,602,355
Grand Total:	\$ 26,722,851	\$ 22,057,796	\$ 45,041,758	\$ 39,371,767

Proposals Total by Category				
Instruction	\$ 1,623,389	\$ 1,059,660	\$ 1,623,389	\$ 1,122,408
Public Service	\$ 323,404		\$ 445,854	\$ 425,630
Research (Applied, Basic, Development)	\$ 24,766,059	\$ 20,998,135	\$ 42,962,037	\$ 37,823,729
Other ²	\$ 10,000		\$ 10,478	
Grand Total:	\$ 26,722,851	\$ 22,057,796	\$ 45,041,758	\$ 39,371,767

Proposals Total by Source of Funding				
Federal	\$ 25,109,909	\$ 20,323,387	\$ 42,631,252	\$ 35,573,349
Private	\$ 1,409,882	\$ 1,734,408	\$ 2,181,967	\$ 3,589,707
State	\$ 203,060		\$ 228,539	\$ 208,712
Grand Total:	\$ 26,722,851	\$ 22,057,796	\$ 45,041,758	\$ 39,371,767

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, October FY2019

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
UNT												
<i>College of Education</i>												
<i>Kinesiology, Health Promotion, & Recreation</i>												
Zhang, Tao												
19-0086 Proposal: New	Effects of Fundamental Motor Skill Intervention on Preschoolers' Health-Related Outcomes	Research - Basic	Society of Health and Physical Educators -SHAPE America	Not for Profit	PI	7/1/2019	0.91	0.00%	100%	\$2,500	Pending	
		Totals for	Zhang, Tao								\$2,500	
		Totals for	Kinesiology, Health Promotion, & Recreation								\$2,500	
		Totals for	College of Education								\$2,500	
<i>College of Engineering</i>												
<i>Biomedical Engineering</i>												
Chang, Lingqian												
18-0629 Proposal: New	A novel intracellular probing nano-chip for single cell analysis of cardiac fibrosis	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2019	4.91	48.50%	100%	\$2,526,968	Pending	
18-0637 Proposal: New	Nanoelectroporation-enabled cell reprogramming to promote wound healing in diabetic animals	Research - Basic	University of North Texas Health Science at Forth Worth	Federal Flow Thru	PI	7/1/2019	2.91	48.50%	100%	\$205,609	Pending	
<i>Chang, L. , PI; Biomedical Engineering; Zhou, Y. , Co-PI; Engineering - Dean's Office</i>												
19-0021 Proposal: New	Single cell electroporation for iPSCs generation	Research - Basic	University of Nebraska, Lincoln	Federal Flow Thru	PI	7/1/2019	1.91	48.50%	100%	\$173,840	Pending	
		Totals for	Chang, Lingqian								\$2,906,417	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Vaidyanathan, Vijay											
18-0633 Proposal: New	Improved use of Health Enabling Tech	Research - Applied	University of North Texas Health Science at Forth Worth	Federal Flow Thru	PI	1/1/2019	4.91	48.50%	100%	\$55,001	Pending
		Totals for	Vaidyanathan, Vijay							\$55,001	
Zhu, Donghui											
19-0081 Proposal: New	ACL Reconstruction and Healing using Novel Bioresorbable Zinc Interference Screw	Research - Basic	Stony Brook University	Federal Flow Thru	PI	9/1/2019	4.91	48.50%	100%	\$1,411,544	Pending
		Totals for	Zhu, Donghui							\$1,411,544	
		Totals for	Biomedical Engineering							\$4,372,962	
Computer Science & Engineering											
Bhowmick, Sanjukta											
19-0056 Proposal: New	SHF: Medium: Collaborative Research: ANACIN-X: Analysis and modeling of Non-determinism and Associated Costs in eXtreme scale applications	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2019	2.91	48.50%	100%	\$300,201	Pending
		Totals for	Bhowmick, Sanjukta							\$300,201	
Blanco Villar, Eduardo											
19-0094 Proposal: New	Mining Spatiotemporal Knowledge from Language and Images	Research - Basic	National Geospatial-Intelligence Agency - NGA	Federal	PI	6/1/2019	1.91	48.50%	100%	\$388,314	Pending
		Totals for	Blanco Villar, Eduardo							\$388,314	
Bryce, Renee											
<i>Bryce, R. , PI; Keathly, D. , Co-PI; Computer Science & Engineering</i>											
19-0093 Proposal: New	North Texas Girls Coding Academy	Instruction	Texas Workforce Commission	Federal Flow Thru	PI	3/1/2019	0.66	10.00%	65%	\$64,959	Pending
		Totals for	Bryce, Renee							\$64,959	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Kavi, Krishna											
19-0023 Proposal: Resubmissio	SaTC:TTP:Small: Cockatoo-a holistic framework and suite of tools for security threat assessment and mitigation	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2019	1.91	48.50%	100%	\$496,765	Pending
		Totals for	Kavi, Krishna							\$496,765	
Keathly, David											
<i>Keathly, D. , Co-PI; Bryce, R. , PI; Computer Science & Engineering</i>											
19-0093 Proposal: New	North Texas Girls Coding Academy	Instruction	Texas Workforce Commission	Federal Flow Thru	Co-PI	3/1/2019	0.66	10.00%	35%	\$34,978	Pending
		Totals for	Keathly, David							\$34,978	
Ludi, Stephanie											
18-0640 Proposal: New	CHS: Medium: Access2Code: Accessible Block-based Programming for Students with Visual impairments via Audio Cues and Program Representation	Research - Applied	National Science Foundation - Federal NSF		PI	6/1/2019	3.91	48.50%	100%	\$1,197,779	Pending
		Totals for	Ludi, Stephanie							\$1,197,779	
Nielsen, Rodney											
19-0099 Proposal: New	Knowledge and Manifestation of Visuomotor Symptoms in Hispanic Families with and without Autism Spectrum Disorder	Research - Development	University of North Texas Health Science at Forth Worth	Federal Flow Thru	PI	7/1/2019	1.91	48.50%	100%	\$52,055	Pending
		Totals for	Nielsen, Rodney							\$52,055	
Takabi, Hassan											
19-0082 Proposal: New	UNT GenCyber Summer Program: Inspiring the Next Generation of Cyber Stars in North Texas	Instruction	National Security Agency - NSA	Federal	PI	4/1/2019	0.91	48.00%	100%	\$99,995	Pending
		Totals for	Takabi, Hassan							\$99,995	
		Totals for	Computer Science & Engineering							\$2,635,046	

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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Electrical Engineering

Kaul, Anupama

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

19-0053 Proposal: New	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM	Instruction	U.S. Office of Naval Research - ONR	Federal	Co-PI	6/1/2019	2.91	48.00%	16%	\$120,000	Pending
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Totals for **Kaul, Anupama** **\$120,000**

Lin, Yuankun

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

19-0079 Proposal: New	Water droplet-initiated growth of atomic layers of Molybdenum Disulfide	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	5/1/2019	2.91	48.50%	12.5%	\$46,214	Pending
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Totals for **Lin, Yuankun** **\$46,214**

Mahbub, Ifana

Mahbub, I. , Co-PI; Electrical Engineering; Becker, A. , PI; Behavior Analysis

18-0386 Proposal: New	Development of Optogenetic Methods to Target Neuromodulation in Stroke Recovery	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	7/1/2019	2.91	48.50%	35%	\$146,726	Pending
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Mahbub, I. , Co-PI; Kaul, A. , Co-PI; Electrical Engineering; Kaul, A. , PI; Materials Science & Engineering

19-0053 Proposal: New	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM	Instruction	U.S. Office of Naval Research - ONR	Federal	Co-PI	6/1/2019	2.91	48.00%	20%	\$150,000	Pending
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Totals for **Mahbub, Ifana** **\$296,726**

Totals for **Electrical Engineering** **\$462,940**

Engineering - Dean's Office

Zhou, Yao

Zhou, Y. , Co-PI; Engineering - Dean's Office; Chang, L. , PI; Biomedical Engineering

19-0021 Proposal: New	Single cell electroporation for iPSCs generation	Research - Basic	University of Nebraska, Lincoln	Federal Flow Thru	Co-PI	7/1/2019	1.91	48.50%	0%	\$0	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	Zhou, Yao								\$0	
		Totals for	Engineering - Dean's Office							\$0		

Engineering Technology

Manzo, Maurizio

19-0078 Proposal: New	Ballistic sensor's calibration	Research - Applied	PCDworks	Industry	PI	10/22/2018	0.16	48.50%	100%	\$7,499	Pending
		Totals for	Manzo, Maurizio							\$7,499	

Yu, Cheng

19-0108 Proposal: New	TEXO Grant to Improve Classroom Capacity	Instruction	TEXO Foundation	Not for Profit	PI	3/1/2019	0.75	0.00%	100%	\$20,000	Pending
19-0109 Proposal: New	Shear Strength of Cold-Formed Steel Clip Angles with Multiple Lines of Screws	Research - Applied	American Iron and Steel Institute	Not for Profit	PI	6/1/2019	0.58	48.50%	100%	\$6,000	Pending
19-0110 Proposal: New	Expanding Effective Strip Method to Thicker Stud Walls	Research - Applied	American Iron and Steel Institute	Not for Profit	PI	6/1/2019	0.58	48.50%	100%	\$6,000	Pending
		Totals for	Yu, Cheng							\$32,000	
		Totals for	Engineering Technology							\$39,499	

Materials Science & Engineering

Berman, Diana

19-0074 Proposal: Resubmissio	Control of micelle opening and inorganic material infiltration of amphiphilic polymer membranes	Research - Basic	American Chemical Society	Not for Profit	PI	9/1/2019	1.91	0.00%	100%	\$110,000	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
19-0125 Proposal: New	Development of structural interfaces in nanoporous ceramics and their reconstruction during support release and material collapse	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	PI	1/1/2019	2.91	48.50%	100%	\$390,001	Pending
			Totals for	Berman, Diana						\$500,001	
D'souza, Francis											
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
19-0060 Proposal: New	Heteroatom-Doped Graphene-Derived Donor-Acceptor Hybrids for Energy Applications	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/1/2019	2.91	48.50%	20%	\$84,533	Pending
<i>D'souza, F. , Co-PI; Materials Science & Engineering; D'souza, F. , PI; Chemistry</i>											
19-0061 Proposal: New	Functional Photosensitizer-Transition Metal Dichalcogenide Hybrid Materials	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/1/2019	2.91	48.50%	20%	\$81,860	Pending
			Totals for	D'souza, Francis						\$166,393	
Kaul, Anupama											
<i>Kaul, A. , PI; Materials Science & Engineering; Kaul, A. , Co-PI; Mahub, I. , Co-PI; Electrical Engineering</i>											
19-0053 Proposal: New	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM	Instruction	U.S. Office of Naval Research - ONR	Federal	PI	6/1/2019	2.91	48.00%	64%	\$480,000	Pending
			Totals for	Kaul, Anupama						\$480,000	
Mukherjee, Sundeep											
19-0126 Proposal: Supplement	NSF INTERN - Nanomanufacturing of Metallic Glasses	Research - Basic	National Science Foundation - NSF	Federal	PI	12/1/2018	0.41	48.50%	100%	\$109,999	Pending
			Totals for	Mukherjee, Sundeep						\$109,999	
Young, Marcus											
18-0621 Proposal: New	Carbide Evolution in AF9628 Alloys	Research - Applied	Air Force Research Laboratory - AFRL	Federal	PI	10/1/2018	0.91	48.50%	100%	\$15,000	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
			Totals for	Young, Marcus							\$15,000	
			Totals for	Materials Science & Engineering						\$1,271,393		

Mechanical & Energy Engineering

Sadat Hosseini, Seyed Hamid

19-0114 Proposal: New	CFD-DEM-MBD Coupling to Study Ice Impacts on Propellers in Arctic Regions	Research - Applied	Naval Surface Warfare Ctr	Federal	PI	2/1/2019	2.91	48.50%	100%	\$223,258	Pending
19-0115 Proposal: New	LBM and FEM Coupling for High-Fidelity Fluid-Structure Interaction Studies of Flexible Propellers	Research - Applied	Naval Surface Warfare Ctr	Federal	PI	2/1/2019	2.91	48.50%	100%	\$223,258	Pending
19-0116 Proposal: New	CFD Studies of Hydrodynamic Performance of a Biomimetic Underwater Vehicle with Undulatory Side Fins and Flapping Caudal Fins	Research - Applied	Naval Surface Warfare Ctr	Federal	PI	2/1/2019	2.91	48.50%	100%	\$223,258	Pending
			Totals for	Sadat Hosseini, Seyed Hamid						\$669,774	
			Totals for	Mechanical & Energy Engineering						\$669,774	
			Totals for	College of Engineering						\$9,451,614	

College of Health & Public Service

Behavior Analysis

Becker, April

Becker, A. , PI; Behavior Analysis; Mahbub, I. , Co-PI; Electrical Engineering

18-0386 Proposal: New	Development of Optogenetic Methods to Target Neuromodulation in Stroke Recovery	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2019	2.91	48.50%	65%	\$272,492	Pending
			Totals for	Becker, April						\$272,492	
			Totals for	Behavior Analysis						\$272,492	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Emergency Management & Disaster Science</i>											
Zavar, Elyse											
19-0085 Proposal: New	2018 Hurricane Season: Understanding the long-term recovery of Small Businesses & Heritage Sites in Coastal Communities	Research - Basic	University of Texas Rio Grande Valley- UTRGV	Federal Flow Thru	PI	12/1/2018	0.91	48.50%	100%	\$7,425	Declined
		Totals for	Zavar, Elyse							\$7,425	
		Totals for	Emergency Management & Disaster Science							\$7,425	
<i>Public Administration</i>											
Jang, Hee Soun											
19-0024 Proposal: New	Connecting Service Demands and Resources for the Homeless: Assessing a Cross-Sector Information Sharing System	Research - Basic	Robert Wood Johnson Foundation	Not for Profit	PI	3/1/2019	1.91	12.00%	100%	\$250,000	Pending
		Totals for	Jang, Hee Soun							\$250,000	
		Totals for	Public Administration							\$250,000	
<i>Speech & Hearing Sciences</i>											
Schafer, Erin											
19-0107 Proposal: New	Auditory Processing Research	Research - Basic	Phonak, LLC	Industry	PI	1/1/2019	2.91	0.00%	100%	\$111,843	Pending
		Totals for	Schafer, Erin							\$111,843	
		Totals for	Speech & Hearing Sciences							\$111,843	
		Totals for	College of Health & Public Service							\$641,760	

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

18-0638 Proposal: New	Excellence in Research: A Machine Learning Framework for Anomaly Detection in System Events	Research - Basic	Tuskegee University	Federal Flow Thru	PI	4/1/2019	2.91	0.00%	100%	\$149,859	Pending
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Totals for **Ding, Junhua** **\$149,859**

Totals for **Information Science** **\$149,859**

Learning Technologies

Parsons, Thomas

18-0615 Proposal: New	Virtual-Reality Enhanced Behavioral Skills Training for Novice Behavioral Therapists	Research - Applied	U.S. Department of Defense-CDMRP	Federal	PI	6/1/2019	2.91	48.50%	100%	\$659,576	Pending
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19-0044 Proposal: New	Virtual Reality-Based Assessment of Functional Capacities in Individuals with Alzheimer's Disease or Alzheimer's Disease Related Dementia	Research - Applied	The University of Texas at Tyler	Federal Flow Thru	PI	5/1/2019	1.91	0.00%	100%	\$129,774	Pending
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Totals for **Parsons, Thomas** **\$789,350**

Totals for **Learning Technologies** **\$789,350**

Totals for **College of Information** **\$939,209**

College of Liberal Arts & Social Sciences

Geography

Tiwari, Chetan

Tiwari, C. , Co-PI; Geography; Yeatts, D. , PI; Moore, A. , Co-PI; Sociology

18-0377 Proposal: New	Understanding Unplanned Hospital Readmissions: The Importance of Individual and Neighborhood Characteristics	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	7/1/2019	2.91	48.50%	33%	\$143,364	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	Tiwari, Chetan						\$143,364	
			Totals for	Geography						\$143,364	
Psychology											
Slavish, Danica											
18-0360 Proposal: New	Longitudinal Associations between Shift Work, Sleep, and Inflammation	Research - Basic	National Institutes of Health - NIH	Federal	PI	6/1/2019	1.91	8.00%	100%	\$321,487	Pending
			Totals for	Slavish, Danica						\$321,487	
			Totals for	Psychology						\$321,487	
Sociology											
Moore, Ami											
<i>Moore, A. , Co-PI; Yeatts, D. , PI; Sociology; Tiwari, C. , Co-PI; Geography</i>											
18-0377 Proposal: New	Understanding Unplanned Hospital Readmissions: The Importance of Individual and Neighborhood Characteristics	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	7/1/2019	2.91	48.50%	33%	\$143,364	Pending
			Totals for	Moore, Ami						\$143,364	
Yeatts, Dale											
<i>Yeatts, D. , PI; Moore, A. , Co-PI; Sociology; Tiwari, C. , Co-PI; Geography</i>											
18-0377 Proposal: New	Understanding Unplanned Hospital Readmissions: The Importance of Individual and Neighborhood Characteristics	Research - Applied	National Institutes of Health - NIH	Federal	PI	7/1/2019	2.91	48.50%	34%	\$147,708	Pending
			Totals for	Yeatts, Dale						\$147,708	
			Totals for	Sociology						\$291,072	
World Language, Literature, & Cultures											
Filosofova, Tatiana											
19-0035 Proposal: New	STARTALK	Instruction	National Security Agency - NSA	Federal Flow Thru	PI	6/1/2019	0.91	48.00%	100%	\$89,728	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Filosofova, Tatiana							\$89,728	
		Totals for	World Language, Literature, & Cultures							\$89,728	
		Totals for	College of Liberal Arts & Social Sciences							\$845,651	

College of Merchandising Hospitality and Tourism

Merch & Digital Retailing

Kim, Haejung

Kim, H. , Co-PI; Kim, J. , PI; Yang, K. , Co-PI; Xu, B. , Co-PI; Merch & Digital Retailing

19-0031 Proposal: New	EduCotton:Collaborative Learning Environment	Research - Basic	Cotton Incorporated	Not for Profit	Co-PI	1/21/2019	0.91	0.00%	0%	\$0	Pending
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Totals for **Kim, Haejung** **\$0**

Kim, JiYoung

Kim, J. , PI; Yang, K. , Co-PI; Kim, H. , Co-PI; Xu, B. , Co-PI; Merch & Digital Retailing

19-0031 Proposal: New	EduCotton:Collaborative Learning Environment	Research - Basic	Cotton Incorporated	Not for Profit	PI	1/21/2019	0.91	0.00%	100%	\$38,615	Pending
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Totals for **Kim, JiYoung** **\$38,615**

Xu, Bugao

Xu, B. , Co-PI; Kim, J. , PI; Yang, K. , Co-PI; Kim, H. , Co-PI; Merch & Digital Retailing

19-0031 Proposal: New	EduCotton:Collaborative Learning Environment	Research - Basic	Cotton Incorporated	Not for Profit	Co-PI	1/21/2019	0.91	0.00%	0%	\$0	Pending
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Totals for **Xu, Bugao** **\$0**

Yang, Kiseol

Yang, K. , Co-PI; Kim, J. , PI; Kim, H. , Co-PI; Xu, B. , Co-PI; Merch & Digital Retailing

19-0031 Proposal: New	EduCotton:Collaborative Learning Environment	Research - Basic	Cotton Incorporated	Not for Profit	Co-PI	1/21/2019	0.91	0.00%	0%	\$0	Pending
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Totals for **Yang, Kiseol** **\$0**

Totals for **Merch & Digital Retailing** **\$38,615**

Totals for **College of Merchandising Hospitality and Tourism** **\$38,615**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>College of Science</i>											
<i>Biological Sciences</i>											
Dixon, Richard											
19-0070 Proposal: Supplement	Engineering Condensed Tannins in Row Crops-Supplement	Research - Applied	Grasslanz Technology Limited - GTL	Foreign	PI	12/1/2018	0.91	0.00%	100%	\$125,000	Awarded
		Totals for	Dixon, Richard							\$125,000	
Dubansky, Benjamin											
19-0026 Proposal: New	Novel and Optimized Approach for Assessing Fisheries Impacts (NOAAFish)	Research - Basic	Louisiana State University	Federal Flow Thru	PI	9/1/2019	4.91	48.50%	100%	\$1,086,092	Pending
		Totals for	Dubansky, Benjamin							\$1,086,092	
Dzialowski, Edward											
18-0614 Proposal: New	A role for actin polymerization in the closure of the ductus arteriosus	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2019	1.91	48.50%	100%	\$431,077	Pending
		Totals for	Dzialowski, Edward							\$431,077	
Hoeinghaus, David											
<i>Hoeinghaus, D. , Co-PI; Biological Sciences; Roberts, A. , PI; Advanced Environmental Research Institute (AERI)</i>											
19-0154 Proposal: New	Ranch Management Impacts on Surface Water Quality and Biodiversity	Research - Applied	The Dixon Water Foundation	Foundation	Co-PI	6/1/2019	1.41	0.00%	50%	\$27,368	Pending
		Totals for	Hoeinghaus, David							\$27,368	
Hunt Von Herbing, Ione											
18-0566 Proposal: New	Stress Management in Marine Aquaculture: Evaluating the effectiveness of probiotic interventions on productivity, profitability and fish health of Red Drum	Research - Applied	National Oceanic Atmospheric Administration - NOAA	Federal	PI	9/1/2019	1.91	48.50%	100%	\$299,999	Pending
		Totals for	Hunt Von Herbing, Ione							\$299,999	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Roberts, Aaron											
19-0105 Proposal: New	Impact of mercury and selenium relationships on sublethal effects in fish from the Delta	Research - Applied	Univerity of California, Riverside	Other (Non-TX State) Govt Flow Thru	PI	7/1/2019	2.91	20.00%	100%	\$807,079	Pending
		Totals for	Roberts, Aaron							\$807,079	
Wang, Xiaoqiang											
19-0015 Proposal: New	Molecular mechanisms of phenylpropanoid biosynthesis mediated by novel cytochrome P450s	Research - Basic	National Institutes of Health - NIH	Federal	PI	7/1/2019	4.91	48.50%	100%	\$1,856,250	Pending
		Totals for	Wang, Xiaoqiang							\$1,856,250	
		Totals for	Biological Sciences							\$4,632,865	
Chemistry											
D'souza, Francis											
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
19-0060 Proposal: New	Heteroatom-Doped Graphene-Derived Donor-Acceptor Hybrids for Energy Applications	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2019	2.91	48.50%	80%	\$338,131	Pending
<i>D'souza, F. , PI; Chemistry; D'souza, F. , Co-PI; Materials Science & Engineering</i>											
19-0061 Proposal: New	Functional Photosensitizer-Transition Metal Dichalcogenide Hybrid Materials	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2019	2.91	48.50%	80%	\$327,439	Pending
		Totals for	D'souza, Francis							\$665,570	
Slaughter, Legrande											
19-0062 Proposal: New	Dipolar Ligands for Electrostatic Control of Catalyst Activity and Regioselectivity	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2019	2.91	48.50%	100%	\$413,297	Pending
		Totals for	Slaughter, Legrande							\$413,297	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Verbeck, Guido											
18-0349 Proposal: New	Nanomanipulation-Coupled to Mass Spectrometry for Single-Organelle Lipidomics Analysis to Measure and Localize Age-Associated Metabolic Changes in Alzheimer's disease	Research - Applied	National Institutes of Health - NIH	Federal	PI	9/1/2018	1.91	0.00%	100%	\$1,250,000	Pending
		Totals for	Verbeck, Guido							\$1,250,000	
		Totals for	Chemistry							\$2,328,867	
Mathematics											
Allaart, Pieter											
19-0008 Proposal: New	Non-integer Base Expansions and Open Dynamical Systems	Research - Basic	National Science Foundation - NSF	Federal	PI	7/1/2019	2.91	48.50%	100%	\$154,090	Pending
		Totals for	Allaart, Pieter							\$154,090	
Hao, Han											
<i>Hao, H. , Co-PI; Wang, X. , PI; Mathematics</i>											
19-0091 Proposal: Resubmissio	Novel methods for glaucoma genetic discovery and risk prediction in admixed populations	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	10/1/2019	2.91	48.50%	60%	\$276,086	Pending
		Totals for	Hao, Han							\$276,086	
Wang, Xuexia											
19-0090 Proposal: Resubmissio	Novel Methodological Strategies in Genetic Discovery and Risk Prediction for Anthracycline-related Cardiomyopathy in Childhood Cancer Patients	Research - Basic	National Institutes of Health - NIH	Federal	PI	10/1/2019	2.91	48.50%	100%	\$469,317	Pending
<i>Wang, X. , PI; Hao, H. , Co-PI; Mathematics</i>											
19-0091 Proposal: Resubmissio	Novel methods for glaucoma genetic discovery and risk prediction in admixed populations	Research - Basic	National Institutes of Health - NIH	Federal	PI	10/1/2019	2.91	48.50%	40%	\$184,057	Pending
		Totals for	Wang, Xuexia							\$653,374	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	Mathematics						\$1,083,550	
Physics											
Glass, Gary											
<i>Glass, G. , PI; Rout, B. , Co-PI; Physics</i>											
19-0033 Proposal: New	Electrostatic Microprobe Lens System	Research - Development	National Electrostatics Corp.	Industry	PI	10/1/2018	0.25	48.50%	50%	\$22,569	Pending
			Totals for	Glass, Gary						\$22,569	
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Philipose, U. , PI; Physics; Lin, Y. , Co-PI; Electrical Engineering</i>											
19-0079 Proposal: New	Water droplet-initiated growth of atomic layers of Molybdenum Disulfide	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	5/1/2019	2.91	48.50%	37.5%	\$138,642	Pending
			Totals for	Lin, Yuankun						\$138,642	
Neogi, Arup											
19-0112 Proposal: New	Enabling Quantum Leap: Accelerated Discovery and Development of Intelligent, Quantum-Enabled Sensor Technologies (iQUEST) using Hybrid-2D Materials	Research - Basic	Northeastern University	Federal Flow Thru	PI	7/1/2019	5.91	48.50%	100%	\$523,115	Pending
			Totals for	Neogi, Arup						\$523,115	
Perez, Jose											
19-0128 Proposal: New	New Techniques in Focused Electron Beam Etching of 2D Materials	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2019	2.91	48.50%	100%	\$342,623	Pending
			Totals for	Perez, Jose						\$342,623	
Philipose, Usha											
<i>Philipose, U. , PI; Lin, Y. , Co-PI; Physics; Lin, Y. , Co-PI; Electrical Engineering</i>											
19-0079 Proposal: New	Water droplet-initiated growth of atomic layers of Molybdenum Disulfide	Research - Basic	National Science Foundation - NSF	Federal	PI	5/1/2019	2.91	48.50%	50%	\$184,856	Pending
			Totals for	Philipose, Usha						\$184,856	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Rout, Bibhudutta											
<i>Rout, B. , Co-PI; Glass, G. , PI; Physics</i>											
19-0033 Proposal: New	Electrostatic Microprobe Lens System	Research - Development	National Electrostatics Corp.	Industry	Co-PI	10/1/2018	0.25	48.50%	50%	\$22,569	Pending
Totals for			Rout, Bibhudutta							\$22,569	
Totals for			Physics							\$1,234,373	
Totals for			College of Science							\$9,279,655	

Research & Innovation

Advanced Environmental Research Institute (AERI)

Atkinson, Samuel

19-0063 Proposal: New	Aquatic Macrophyte Restoration Project	Research - Applied	City of Austin	Local Govt	PI	1/1/2019	2.91	10.00%	100%	\$149,999	Pending
Totals for			Atkinson, Samuel							\$149,999	

Roberts, Aaron

Roberts, A. , PI; Advanced Environmental Research Institute (AERI); Hoeinghaus, D. , Co-PI; Biological Sciences

19-0154 Proposal: New	Ranch Management Impacts on Surface Water Quality and Biodiversity	Research - Applied	The Dixon Water Foundation	Foundation	PI	6/1/2019	1.41	0.00%	50%	\$27,368	Pending
Totals for			Roberts, Aaron							\$27,368	
Totals for			Advanced Environmental Research Institute (AERI)							\$177,367	

Advanced Materials and Manufacturing Processes Institute

Choudhuri, Deep

Choudhuri, D. , PI; Choudhuri, D. , PI; Advanced Materials and Manufacturing Processes Institute

19-0092 Proposal: New	Development of microstructural filters for discovering non-rare earth containing creep-resistant magnesium alloys	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2019	2.91	48.50%	100%	\$340,712	Pending
Totals for			Choudhuri, Deep							\$340,712	
Totals for			Advanced Materials and Manufacturing Processes Institute							\$340,712	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Choudhuri, Deep							\$681,424	
		Totals for	Advanced Materials and Manufacturing Processes Institute							\$681,424	
		Totals for	Research & Innovation							\$858,791	
		Totals for	UNT							\$22,057,796	
		Totals for	October FY2019:							\$22,057,796	