

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

Proposals Total by College	May 2019		May 2020		YTD FY2019	YTD FY2020		
College of Arts and Sciences								
College of Business			\$	821,603.02	\$	345,637	\$	1,142,577.24
College of Education	\$	429,867			\$	5,541,080	\$	8,699,451.04
College of Engineering	\$	5,453,274	\$	3,029,368.42	\$	78,392,187	\$	49,687,531.28
College of Health & Public Service (prev. PACS)	\$	2,818,217	\$	3,530,056.16	\$	12,181,488	\$	12,037,078.30
College of Information	\$	349,118	\$	1,028,670.04	\$	14,892,691	\$	6,510,568.69
College of Liberal Arts & Social Sciences	\$	2,687,448	\$	339,650.35	\$	10,318,570	\$	17,907,809.19
College of Merchandising Hospitality and Tourism			\$	113,034.59	\$	248,582	\$	777,466.09
College of Music			\$	24,000.30	\$	1,578,396	\$	704,081.63
College of Science	\$	8,256,976	\$	4,521,496.64	\$	42,963,297	\$	30,465,359.19
College of Visual Arts and Design					\$	1,139,948	\$	1,878,962.42
School of Journalism	\$	49,792			\$	169,882		
Other ¹	\$	222,481	\$	77,513.32		\$21,829,891		\$42,286,467
Grand Total:		\$20,267,174		\$13,485,393		\$189,601,649		\$172,097,352

Proposals Total by Category

Instruction	\$	5,326,459	\$	2,783,765	\$	7,605,034	\$	4,389,045
Public Service	\$	577,581	\$	478,237	\$	3,144,757	\$	43,850,359
Research (Applied, Basic, Development)	\$	13,748,307	\$	10,223,390	\$	177,967,987	\$	123,812,497
Other ²	\$	614,827			\$	883,870	\$	45,451
Grand Total:		\$20,267,174		\$13,485,393		\$189,601,649		\$172,097,352

Proposals Total by Source of Funding

Federal	\$	19,171,203	\$	12,263,716	\$	169,912,807	\$	152,979,243
Private	\$	521,144	\$	476,302	\$	15,953,142	\$	15,477,258
State	\$	574,827	\$	745,375	\$	3,735,701	\$	3,640,852
Grand Total:		\$20,267,174		\$13,485,393		\$189,601,649		\$172,097,352

Notes:

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

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

Special Note:

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

Proposals, May FY2020

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
UNT											
<i>Col of Health & Public Service</i>											
<i>Behavior Analysis</i>											
Dracobly, Joseph											
20-0504 Proposal: New	Behavior Analysis Resource Center: Assessment and Analysis in a Clinical Setting for Staff of Denton State Supported Living Center	Research - Applied	Texas Health and Human Services Commission	State of TX	PI	9/1/2020	0.91	2600.00%	100	\$278,248	Awarded
20-0510 Proposal: New	Efficient Functional Assessment Process	Research - Applied	Texas Health and Human Services Commission	State of TX	PI	9/1/2020	0.91	2599.90%	100	\$95,524	Awarded
Totals for Dracobly, Joseph										\$373,772	
Totals for Behavior Analysis										\$373,772	
Criminal Justice											
Nodeland, Brooke											
<i>Nodeland, B. , Co-PI; Criminal Justice; Dantu, R. , PI; Thompson, M. , Co-PI; Computer Science & Engineering</i>											
20-0569 Proposal: New	Forensics-made-simple: A Hands-on Training Program on Cybersecurity and Forensics for the First Responders	Instruction	Mississippi State University	Federal Flow Thru	Co-PI	9/1/2020	2.91	4800.00%	10	\$57,649	Pending
Totals for Nodeland, Brooke										\$57,649	
Totals for Criminal Justice										\$57,649	
HPS - Deans Off - Gen											
Heck, Julia											
20-0524 Proposal: New	Comprehensive study of benzene exposure, genetic alterations, and childhood acute myeloid leukemia	Research - Basic	University of Minnesota	Federal Flow Thru	PI	4/1/2021	4.91	4850.00%	100	\$150,028	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	Heck, Julia						\$150,028	
			Totals for	HPS - Deans Off - Gen						\$150,028	

Public Administration

Fischer, Lauren

20-0538 Proposal: New	Advanced Analytics and Decision Support Systems for Next-Generation Public Transportation Planning and Operations	Research - Basic	The University of Utah	Federal Flow Thru	PI	10/1/2020	1.41	4850.00%	100	\$150,000	Pending
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20-0539 Proposal: New	RESET (Reliable, Efficient, Sustainable and Equitable Transit): Models for An Age of Disruption	Research - Basic	University of Connecticut	Federal Flow Thru	PI	1/1/2021	1.41	4850.00%	100	\$225,000	Pending
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Totals for **Fischer, Lauren** **\$375,000**

Hutson, Nathan

Hutson, N. , PI; Public Administration; Namuduri, K. , Co-PI; Electrical Engineering; Bomba, M. , Co-PI; Marketing & Logistics

20-0554 Proposal: New	A New Transportation Divide: Addressing Transportation Demand and Virtual Substitution Inequities for a Post-COVID Future	Research - Applied	U.S. Department of Transportation - DOT	Federal	PI	10/1/2020	1.41	4850.00%	40	\$600,000	Declined
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Totals for **Hutson, Nathan** **\$600,000**

Jang, Hee Soun

20-0576 Proposal: New	Visiting Scholar Training	Research - Basic	Seoul Metropolitan Government (City of Seoul)	Foreign	PI	5/1/2020	1.58	4850.00%	100	\$6,001	Awarded
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Totals for **Jang, Hee Soun** **\$6,001**

Totals for **Public Administration** **\$981,001**

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

Baker, Cassidy

20-0391 Proposal: New	Title IV-E Training Program - FY21	Instruction	Texas Department of Family & Protective Services	Federal Flow Thru	PI	7/1/2020	0.91	3499.00%	100	\$1,967,606	Awarded
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Totals for **Baker, Cassidy** **\$1,967,606**

Totals for **Social Work** **\$1,967,606**

Totals for **Col of Health & Public Service** **\$3,530,056**

Col of Merch, Hosp & Tour

Merch & Digital Retailing

Kim, JiYoung

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

20-0588 Proposal: New	Developing digital strategies for the local farmers markets: Assessing the needs and opportunities	Research - Basic	U.S. Department of Agriculture - USDA	Federal	Co-PI	9/30/2020	1.5	4850.00%	50	\$56,517	Pending
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Totals for **Kim, JiYoung** **\$56,517**

Yang, Kiseol

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

20-0588 Proposal: New	Developing digital strategies for the local farmers markets: Assessing the needs and opportunities	Research - Basic	U.S. Department of Agriculture - USDA	Federal	PI	9/30/2020	1.5	4850.00%	50	\$56,517	Pending
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Totals for **Yang, Kiseol** **\$56,517**

Totals for **Merch & Digital Retailing** **\$113,035**

Totals for **Col of Merch, Hosp & Tour** **\$113,035**

College of Education

Autism Center

Bowen, Melissa

Bowen, M. , PI; Nichols, S. , Co-PI; Autism Center

20-0326 Proposal: New	Online Autism Recognition and Response Training for DFPS Personnel	Public Service	Texas Health and Human Services Commission	State of TX	PI	6/1/2020	0.58	1000.20%	50	\$17,066	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			Bowen, Melissa							\$17,066	
Nichols, Susan											
<i>Nichols, S. , Co-PI; Bowen, M. , PI; Autism Center</i>											
20-0326 Proposal: New	Online Autism Recognition and Response Training for DFPS Personnel	Public Service	Texas Health and Human Services Commission	State of TX	Co-PI	6/1/2020	0.58	1000.20%	50	\$17,066	Pending
20-0488 Proposal: New	Children's Autism Grant Program	Public Service	Texas Health and Human Services Commission	State of TX	PI	9/1/2020	0.91	1000.00%	100	\$337,471	Pending
Totals for			Nichols, Susan							\$354,537	
Totals for			Autism Center							\$371,603	
Totals for			College of Education							\$371,603	

College of Engineering

Biomedical Engineering

Albert, Mark

Albert, M. , Co-PI; Biomedical Engineering; Albert, M. , PI; Xiao, T. , Co-PI; Computer Science & Engineering; Mahbub, I. , Co-PI; Electrical Engineering

20-0519 Proposal: New	iTEC: Innovative TEChnology for Adults with Neurologic Communication Disorders	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	Co-PI	9/30/2020	5	4850.00%	4	\$12,000	Pending
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Albert, M. , Co-PI; Biomedical Engineering; Albert, M. , PI; Computer Science & Engineering

20-0550 Proposal: New	Neural network pretraining using endogenous neural activity with binocular depth perception demonstration	Research - Basic	U.S. Department of Defense - DOD	Federal	Co-PI	6/30/2020	0.5	4850.00%	10	\$4,958	Pending
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Totals for **Albert, Mark** \$16,958

Totals for **Biomedical Engineering** \$16,958

Computer Science & Engineering

Albert, Mark

Albert, M. , PI; Xiao, T. , Co-PI; Computer Science & Engineering; Mahbub, I. , Co-PI; Electrical Engineering; Albert, M. , Co-PI; Biomedical Engineering

20-0519 Proposal: New	iTEC: Innovative TEChnology for Adults with Neurologic Communication Disorders	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	PI	9/30/2020	5	4850.00%	36	\$107,999	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>Albert, M. , PI; Computer Science & Engineering; Albert, M. , Co-PI; Biomedical Engineering</i>											
20-0550 Proposal: New	Neural network pretraining using endogenous neural activity with binocular depth perception demonstration	Research - Basic	U.S. Department of Defense - DOD	Federal	PI	6/30/2020	0.5	4850.00%	90	\$44,626	Pending
			Totals for	Albert, Mark						\$152,625	
Dantu, Ramanamurthy											
20-0551 Proposal: Supplement	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation - NSF	Federal	PI	6/1/2020	0.16	0.00%	100	\$16,000	Withdrawn
<i>Dantu, R. , PI; Thompson, M. , Co-PI; Computer Science & Engineering</i>											
20-0552 Proposal: New	Building a Seamless Pathway to Cybersecurity for Minority Serving Institutions in Texas	Instruction	Fordham University	Federal Flow Thru	PI	9/1/2020	1.91	4800.00%	50	\$109,335	Pending
<i>Dantu, R. , PI; Thompson, M. , Co-PI; Computer Science & Engineering; Nodeland, B. , Co-PI; Criminal Justice</i>											
20-0569 Proposal: New	Forensics-made-simple: A Hands-on Training Program on Cybersecurity and Forensics for the First Responders	Instruction	Mississippi State University	Federal Flow Thru	PI	9/1/2020	2.91	4800.00%	55	\$317,069	Pending
			Totals for	Dantu, Ramanamurthy						\$442,404	
Mohanty, Saraju											
<i>Mohanty, S. , PI; Computer Science & Engineering; Kougianos, E. , Co-PI; Electrical Engineering</i>											
20-0559 Proposal: New	Collaborative Research: ECCS: CCSS: Sec-cSeiz: Exploring Approaches for IoMT-Enabled Secure Drug-Delivery System for Automatic Real-TimeControl of Epileptic Seizure	Research - Basic	National Science Foundation - NSF	Federal	PI	1/1/2021	2.91	4850.00%	60	\$180,001	Declined
			Totals for	Mohanty, Saraju						\$180,001	

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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Thompson, Mark

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

20-0552 Proposal: New	Building a Seamless Pathway to Cybersecurity for Minority Serving Institutions in Texas	Instruction	Fordham University	Federal Flow Thru	Co-PI	9/1/2020	1.91	4800.00%	50	\$109,335	Pending
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Thompson, M. , Co-PI; Dantu, R. , PI; Computer Science & Engineering; Nodeland, B. , Co-PI; Criminal Justice

20-0569 Proposal: New	Forensics-made-simple: A Hands-on Training Program on Cybersecurity and Forensics for the First Responders	Instruction	Mississippi State University	Federal Flow Thru	Co-PI	9/1/2020	2.91	4800.00%	35	\$201,771	Pending
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Totals for **Thompson, Mark** **\$311,106**

Xiao, Ting

Xiao, T. , Co-PI; Albert, M. , PI; Computer Science & Engineering; Mahub, I. , Co-PI; Electrical Engineering; Albert, M. , Co-PI; Biomedical Engineering

20-0519 Proposal: New	iTEC: Innovative TEChnology for Adults with Neurologic Communication Disorders	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	Co-PI	9/30/2020	5	4850.00%	20	\$60,000	Pending
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Totals for **Xiao, Ting** **\$60,000**

Totals for **Computer Science & Engineering** **\$1,146,135**

Electrical Engineering

Kaul, Anupama

Kaul, A. , Co-PI; Electrical Engineering; Kaul, A. , PI; Choi, W. , Co-PI; Materials Science & Engineer; Choi, W. , Co-PI; Mechanical & Energy Engineer; Wang, H. , Co-PI; Chemistry

20-0573 Proposal: New	Stabilized van der Waals Solids for High-efficiency Solar Cells on Flexible Substrates formed using Low-cost, Manufacturable Routes	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	1/15/2021	1	4850.00%	17	\$51,000	Pending
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Totals for **Kaul, Anupama** **\$51,000**

Kougianos, Elias

Kougianos, E. , Co-PI; Electrical Engineering; Mohanty, S. , PI; Computer Science & Engineering

20-0559 Proposal: New	Collaborative Research: ECCS: CCSS: Sec-cSeiz: Exploring Approaches for IoMT-Enabled Secure Drug-Delivery System for Automatic Real-Time Control of Epileptic Seizure	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	1/1/2021	2.91	4850.00%	40	\$120,000	Declined
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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	Kougianos, Elias						\$120,000	
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Electrical Engineering; Lin, Y. , PI; Physics</i>											
20-0529 Proposal: New	Collaborative Research: machine learning assisted design and fabrication of graded photonic super-crystal devices for the control of plasmonic loss or absorption	Research - Basic	National Science Foundation - Federal NSF		Co-PI	11/1/2020	2.91	4850.00%	25	\$70,526	Declined
			Totals for	Lin, Yuankun						\$70,526	
Mahbub, Ifana											
<i>Mahbub, I. , Co-PI; Electrical Engineering; Albert, M. , PI; Xiao, T. , Co-PI; Computer Science & Engineering; Albert, M. , Co-PI; Biomedical Engineering</i>											
20-0519 Proposal: New	iTEC: Innovative TEChnology for Adults with Neurologic Communication Disorders	Research - Development	Shirley Ryan AbilityLab	Federal Flow Thru	Co-PI	9/30/2020	5	4850.00%	40	\$119,999	Pending
			Totals for	Mahbub, Ifana						\$119,999	
Namuduri, Kameswara Rao											
<i>Namuduri, K. , Co-PI; Electrical Engineering; Hutson, N. , PI; Public Administration; Bomba, M. , Co-PI; Marketing & Logistics</i>											
20-0554 Proposal: New	A New Transportation Divide: Addressing Transportation Demand and Virtual Substitution Inequities for a Post-COVID Future	Research - Applied	U.S. Department of Transportation - DOT	Federal	Co-PI	10/1/2020	1.41	4850.00%	30	\$450,000	Declined
			Totals for	Namuduri, Kameswara Rao						\$450,000	
			Totals for	Electrical Engineering						\$811,525	
Engineering Technology											
Bostanci, Huseyin											
20-0496 Proposal: New	THERMAL RADIATOR FOR CO2 DEPOSITION IN DEEP SPACE TRANSIT	Research - Applied	National Space Grant Foundation	Federal Flow Thru	PI	8/1/2020	0.75	0.00%	100	\$59,331	Awarded
			Totals for	Bostanci, Huseyin						\$59,331	
			Totals for	Engineering Technology						\$59,331	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Materials Science & Engineer											
Choi, Wonbong											
<i>Choi, W. , PI; Materials Science & Engineer; Choi, W. , Co-PI; Mechanical & Energy Engineer</i>											
20-0544 Proposal: New	Charge Transport in Two-Dimensional Materials Based Integrated Flexible Energy System	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	PI	2/1/2021	0.91	4850.00%	80	\$120,915	Pending
<i>Choi, W. , Co-PI; Kaul, A. , PI; Materials Science & Engineer; Choi, W. , Co-PI; Mechanical & Energy Engineer; Wang, H. , Co-PI; Chemistry; Kaul, A. , Co-PI; Electrical Engineering</i>											
20-0573 Proposal: New	Stabilized van der Waals Solids for High-efficiency Solar Cells on Flexible Substrates formed using Low-cost, Manufacturable Routes	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	1/15/2021	1	4850.00%	8	\$24,000	Pending
Totals for			Choi, Wonbong							\$144,915	
Kaul, Anupama											
<i>Kaul, A. , PI; Choi, W. , Co-PI; Materials Science & Engineer; Choi, W. , Co-PI; Mechanical & Energy Engineer; Wang, H. , Co-PI; Chemistry; Kaul, A. , Co-PI; Electrical Engineering</i>											
20-0573 Proposal: New	Stabilized van der Waals Solids for High-efficiency Solar Cells on Flexible Substrates formed using Low-cost, Manufacturable Routes	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	1/15/2021	1	4850.00%	68	\$204,001	Pending
Totals for			Kaul, Anupama							\$204,001	
Mukherjee, Sundeep											
<i>Mukherjee, S. , PI; Xia, Z. , Co-PI; Materials Science & Engineer; Xia, Z. , Co-PI; Chemistry</i>											
20-0572 Proposal: Supplement	Data Science for BMG Joining	Research - Basic	National Science Foundation - NSF	Federal	PI	6/15/2020	1	4849.90%	80	\$55,999	Awarded
Totals for			Mukherjee, Sundeep							\$55,999	
Xia, Zhenhai											
<i>Xia, Z. , Co-PI; Mukherjee, S. , PI; Materials Science & Engineer; Xia, Z. , Co-PI; Chemistry</i>											
20-0572 Proposal: Supplement	Data Science for BMG Joining	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/15/2020	1	4849.90%	16	\$11,200	Awarded
Totals for			Xia, Zhenhai							\$11,200	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Young, Marcus											
20-0466 Proposal: New	In Situ Imaging and Phase Analysis of Live Cell Lead Battery Materials	Research - Applied	Consortium for Battery Innovation	Not for Profit	PI	9/1/2020	2.91	4850.00%	100	\$300,000	Pending
			Totals for	Young, Marcus						\$300,000	
			Totals for	Materials Science & Engineer						\$716,115	

Mechanical & Energy Engineer

Choi, Wonbong

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

20-0544 Proposal: New	Charge Transport in Two-Dimensional Materials Based Integrated Flexible Energy System	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	Co-PI	2/1/2021	0.91	4850.00%	20	\$30,229	Pending
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Choi, W. , Co-PI; Mechanical & Energy Engineer; Kaul, A. , PI; Choi, W. , Co-PI; Materials Science & Engineer; Wang, H. , Co-PI; Chemistry; Kaul, A. , Co-PI; Electrical Engineering

20-0573 Proposal: New	Stabilized van der Waals Solids for High-efficiency Solar Cells on Flexible Substrates formed using Low-cost, Manufacturable Routes	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	1/15/2021	1	4850.00%	2	\$6,000	Pending
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Totals for **Choi, Wonbong** **\$36,229**

Shi, Sheldon

Shi, S. , Co-PI; Mechanical & Energy Engineer; Omary, M. , PI; Slaughter, L. , Co-PI; Chemistry

20-0557 Proposal: New	GOALI: Design of (Super)hydrophobic Adsorbents Doped with Metallic Nanoparticles as Anti-Microbial Agents	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	1/1/2021	2.91	4850.00%	27	\$160,837	Pending
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Shi, S. , PI; Mechanical & Energy Engineer; Chesky, K. , Co-PI; Instrumental Studies

20-0581 Proposal: New	Design and Built of Gas Disinfection Device for Wind Instrument	Research - Applied	Z&S Tech, LLC.	Federal Flow Thru	PI	7/1/2020	0.91	4850.00%	70	\$56,001	Pending
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Totals for **Shi, Sheldon** **\$216,838**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Zhang, Zihao											
20-0561 Proposal: New	Thermal-electrical transport modeling of inelastic phonon-electron scattering	Research - Basic	U.S. Department of Defense - DOD	Federal	PI	6/30/2020	0.5	4850.00%	100	\$26,237	Pending
		Totals for	Zhang, Zihao							\$26,237	
		Totals for	Mechanical & Energy Engineer							\$279,304	
		Totals for	College of Engineering							\$3,029,368	

**College of Information
Information Science**

Ding, Junhua

20-0562 Proposal: New	Data Science Research and Application Development	Public Service	Source InfoTech, Inc.	Industry	PI	6/1/2020	0.5	2000.10%	100	\$35,344	Awarded
		Totals for	Ding, Junhua							\$35,344	

Kim, Jeonghyun

Kim, J. , PI; Information Science; Moye, T. , Co-PI; History; Phillips, M. , Co-PI; University Library - Gen

20-0548 Proposal: New	Best Practices and Principles of Oral History Curation	Research - Basic	National Endowment for the Humanities - NEH	Federal	PI	3/1/2021	1.16	4850.10%	60	\$44,891	Pending
		Totals for	Kim, Jeonghyun							\$44,891	
		Totals for	Information Science							\$80,235	

Learning Technologies

Baker, Rose

Baker, R. , PI; Turner, J. , Co-PI; Learning Technologies

20-0528 Proposal: New	Incorporating Team Skills in Biomedical Engineering Education: From freshman to senior year	Research - Applied	National Institutes of Health - NIH	Federal	PI	6/1/2021	4.91	800.00%	50	\$49,117	Pending
		Totals for	Baker, Rose							\$49,117	

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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Christensen, Rhonda

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

20-0406 Proposal: New	Space Technology Tools for Youth Learning Experiences: Monitoring Foliage Stress in Diverse Communities in Hawaii (Hawaii STTYLE)	Research - Basic	Research Corporation of the University of Hawaii	Federal Flow Thru	Co-PI	1/1/2021	3.91	0.00%	50	\$160,601	Pending
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Totals for **Christensen, Rhonda** **\$160,601**

Cockerham, Deborah

Cockerham, D. , PI; Lin, L. , Co-PI; Tyler-Wood, T. , Co-PI; Learning Technologies

20-0563 Proposal: New	Teens, Technology, and Crisis: Teens as Active Changing Agents to Bridge the Digital Divide	Research - Basic	Children and Screens: Institute of Digital Media and Child Development	Institute Not for Profit	PI	6/1/2020	0.58	1000.00%	50	\$49,992	Pending
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Totals for **Cockerham, Deborah** **\$49,992**

Knezek, Gerald

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

20-0406 Proposal: New	Space Technology Tools for Youth Learning Experiences: Monitoring Foliage Stress in Diverse Communities in Hawaii (Hawaii STTYLE)	Research - Basic	Research Corporation of the University of Hawaii	Federal Flow Thru	PI	1/1/2021	3.91	0.00%	50	\$160,601	Pending
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Totals for **Knezek, Gerald** **\$160,601**

Lin, Lin

Lin, L. , Co-PI; Cockerham, D. , PI; Tyler-Wood, T. , Co-PI; Learning Technologies

20-0563 Proposal: New	Teens, Technology, and Crisis: Teens as Active Changing Agents to Bridge the Digital Divide	Research - Basic	Children and Screens: Institute of Digital Media and Child Development	Institute Not for Profit	Co-PI	6/1/2020	0.58	1000.00%	25	\$24,996	Pending
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Totals for **Lin, Lin** **\$24,996**

McMahan, Fred

McMahan, F. , PI; Parsons, T. , Co-PI; Learning Technologies

20-0517 Proposal: New	Teleneuropsychological toolbox for assessment of cognition and functional capacity	Research - Applied	U.S. Department of Defense-CDMRP	Federal	PI	5/1/2021	1.91	4850.00%	50	\$148,271	Pending
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Totals for **McMahan, Fred** **\$148,271**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Parsons, Thomas											
20-0513 Proposal: New	iANAM: The Ability to "Visualize" Headache, Sleep Disturbance, and mTBI	Research - Applied	Oregon Health & Science University	Federal Flow Thru	PI	3/1/2021	1.91	4850.00%	100	\$132,474	Pending
<i>Parsons, T. , Co-PI; McMahan, F. , PI; Learning Technologies</i>											
20-0517 Proposal: New	Teleneuropsychological toolbox for assessment of cognition and functional capacity	Research - Applied	U.S. Department of Defense-CDMRP	Federal	Co-PI	5/1/2021	1.91	4850.00%	50	\$148,271	Pending
Totals for Parsons, Thomas										\$280,745	
Turner, John											
<i>Turner, J. , Co-PI; Baker, R. , PI; Learning Technologies</i>											
20-0528 Proposal: New	Incorporating Team Skills in Biomedical Engineering Education: From freshman to senior year	Research - Applied	National Institutes of Health - NIH	Federal	Co-PI	6/1/2021	4.91	800.00%	50	\$49,117	Pending
Totals for Turner, John										\$49,117	
Tyler-Wood, Tandra											
<i>Tyler-Wood, T. , Co-PI; Cockerham, D. , PI; Lin, L. , Co-PI; Learning Technologies</i>											
20-0563 Proposal: New	Teens, Technology, and Crisis: Teens as Active Changing Agents to Bridge the Digital Divide	Research - Basic	Children and Screens: Institute Not for Profit of Digital Media and Child Development		Co-PI	6/1/2020	0.58	1000.00%	25	\$24,996	Pending
Totals for Tyler-Wood, Tandra										\$24,996	
Totals for Learning Technologies										\$948,435	
Totals for College of Information										\$1,028,670	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
College of Liberal Arts & Soci Geography												
Liang, Lu												
20-0578 Proposal: New	A Network of Evapotranspiration Observation Sites to Constrain ET Estimation Methods and Water Availability Models in the Mississippi Alluvial Plain	Research - Basic	University of Arkansas	Federal Flow Thru	PI	9/1/2020	1.91	4850.00%	100	\$41,967	Pending	
			Totals for	Liang, Lu						\$41,967		
			Totals for	Geography						\$41,967		
History												
Moye, Todd												
<i>Moye, T. , Co-PI; History; Kim, J. , PI; Information Science; Phillips, M. , Co-PI; University Library - Gen</i>												
20-0548 Proposal: New	Best Practices and Principles of Oral History Curation	Research - Basic	National Endowment for the Humanities - NEH	Federal	Co-PI	3/1/2021	1.16	4850.10%	25	\$18,705	Pending	
			Totals for	Moye, Todd						\$18,705		
			Totals for	History						\$18,705		
Mayborn School of Journal-Gen												
Bland, Dorothy												
20-0530 Proposal: New	two part-time internships for University of North Texas Mayborn School of Journalism who will work at North Texas news media outlets during the summer 2020	Public Service	UNT Foundation	Not for Profit Flow Thru	PI	4/23/2020	0.66	0.00%	100	\$5,000	Awarded	
20-0534 Proposal: New	Human Storytelling Workshop Presentation related to the Mayborn Literary Nonfiction Conference	Instruction	UNT Foundation	Not for Profit Flow Thru	PI	6/25/2020	0.41	0.00%	100	\$5,000	Pending	
			Totals for	Bland, Dorothy						\$10,000		
			Totals for	Mayborn School of Journal-Gen						\$10,000		

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

Slavish, Danica

20-0516 Proposal: New	Examining Salivary Inflammatory Biomarkers as Novel Indices of Sleep and Circadian Disruption in Health Care Workers	Research - Basic	U.S. Department of Defense-CDMRP	Federal	PI	10/10/2020	1.91	4850.00%	100	\$262,217	Pending
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20-0575 Proposal: New	Circadian Disruption Biomarker to Measure Warfighter Readiness, Performance, and Resilience	Research - Basic	Carl R. Darnall Army Medical Center	Federal Flow Thru	PI	11/1/2021	1	0.00%	100	\$6,761	Pending
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Totals for	Slavish, Danica									\$268,978	
Totals for	Psychology									\$268,978	
Totals for	College of Liberal Arts & Soci									\$339,650	

College of Music

Instrumental Studies

Chesky, Kris

Chesky, K. , Co-PI; Instrumental Studies; Shi, S. , PI; Mechanical & Energy Engineer

20-0581 Proposal: New	Design and Built of Gas Disinfection Device for Wind Instrument	Research - Applied	Z&S Tech, LLC.	Federal Flow Thru	Co-PI	7/1/2020	0.91	4850.00%	30	\$24,000	Pending
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Totals for	Chesky, Kris									\$24,000	
Totals for	Instrumental Studies									\$24,000	
Totals for	College of Music									\$24,000	

College of Science

Biological Sciences

Burggren, Warren

Burggren, W. , Co-PI; Padilla, P. , PI; Hughes, L. , Co-PI; Biological Sciences; Cisneros, G. , Co-PI; Chemistry

20-0515 Proposal: Resubmissio	G-RISE at the University of North Texas	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	8/1/2021	1.91	800.00%	25	\$770,654	Pending
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Totals for	Burggren, Warren									\$770,654	
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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
Hughes, Lee											
<i>Hughes, L. , Co-PI; Padilla, P. , PI; Burggren, W. , Co-PI; Biological Sciences; Cisneros, G. , Co-PI; Chemistry</i>											
20-0515 Proposal: Resubmissio	G-RISE at the University of North Texas	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	8/1/2021	1.91	800.00%	25	\$770,654	Pending
		Totals for	Hughes, Lee							\$770,654	
Lund, Amie											
20-0566 Proposal: Supplement	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research - Basic	National Institutes of Health - NIH	Federal	PI	6/15/2020	0.16	4850.00%	100	\$48,684	Pending
		Totals for	Lund, Amie							\$48,684	
Padilla, Pamela											
<i>Padilla, P. , PI; Hughes, L. , Co-PI; Burggren, W. , Co-PI; Biological Sciences; Cisneros, G. , Co-PI; Chemistry</i>											
20-0515 Proposal: Resubmissio	G-RISE at the University of North Texas	Research - Basic	National Institutes of Health - NIH	Federal	PI	8/1/2021	1.91	800.00%	25	\$770,654	Pending
		Totals for	Padilla, Pamela							\$770,654	
		Totals for	Biological Sciences							\$2,360,646	
Chemistry											
Cisneros, G. Andres											
20-0472 Proposal: Supplement	Investigation of DNA Modifying Enzymes by Computational Simulations: Development and Applications	Research - Basic	National Institutes of Health - NIH	Federal	PI	1/4/2021	1	4850.00%	100	\$165,938	Pending
<i>Cisneros, G. , Co-PI; Chemistry; Padilla, P. , PI; Hughes, L. , Co-PI; Burggren, W. , Co-PI; Biological Sciences</i>											
20-0515 Proposal: Resubmissio	G-RISE at the University of North Texas	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	8/1/2021	1.91	800.00%	25	\$770,654	Pending
20-0543 Proposal: New	Improving LICHEM: Implementing Full Polarization and Inclusion of AMOEBA+	Research - Basic	Virginia Polytechnic Institute and State University	Federal Flow Thru	PI	7/1/2020	1.41	0.00%	100	\$72,852	Awarded
		Totals for	Cisneros, G. Andres							\$1,009,444	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Omary, Mohammad											
<i>Omary, M. , PI; Slaughter, L. , Co-PI; Chemistry; Shi, S. , Co-PI; Mechanical & Energy Engineer</i>											
20-0557 Proposal: New	GOALI: Design of (Super)hydrophobic Adsorbents Doped with Metallic Nanoparticles as Anti-Microbial Agents	Research - Basic	National Science Foundation - Federal NSF		PI	1/1/2021	2.91	4850.00%	54	\$321,674	Pending
		Totals for	Omary, Mohammad							\$321,674	
Skellam, Elizabeth											
20-0480 Proposal: New	Characterizing and Engineering C-N Ligases from Microbial Sunscreen Pathways to Develop Alcohol Functional Group Substitution Tools	Research - Basic	American Chemical Society	Not for Profit	PI	10/1/2020	0.41	0.00%	100	\$24,974	Pending
		Totals for	Skellam, Elizabeth							\$24,974	
Slaughter, Legrande											
<i>Slaughter, L. , Co-PI; Omary, M. , PI; Chemistry; Shi, S. , Co-PI; Mechanical & Energy Engineer</i>											
20-0557 Proposal: New	GOALI: Design of (Super)hydrophobic Adsorbents Doped with Metallic Nanoparticles as Anti-Microbial Agents	Research - Basic	National Science Foundation - Federal NSF		Co-PI	1/1/2021	2.91	4850.00%	19	\$113,182	Pending
		Totals for	Slaughter, Legrande							\$113,182	
Wang, Hong											
<i>Wang, H. , Co-PI; Chemistry; Kaul, A. , PI; Choi, W. , Co-PI; Materials Science & Engineer; Choi, W. , Co-PI; Mechanical & Energy Engineer; Kaul, A. , Co-PI; Electrical Engineering</i>											
20-0573 Proposal: New	Stabilized van der Waals Solids for High-efficiency Solar Cells on Flexible Substrates formed using Low-cost, Manufacturable Routes	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	1/15/2021	1	4850.00%	5	\$15,000	Pending
		Totals for	Wang, Hong							\$15,000	
Xia, Zhenhai											
<i>Xia, Z. , Co-PI; Chemistry; Mukherjee, S. , PI; Xia, Z. , Co-PI; Materials Science & Engineer</i>											
20-0572 Proposal: Supplement	Data Science for BMG Joining	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/15/2020	1	4849.90%	4	\$2,800	Awarded
		Totals for	Xia, Zhenhai							\$2,800	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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Totals for	Chemistry									\$1,487,074	
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Physics

Lin, Yuankun

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

20-0529 Proposal: New	Collaborative Research: machine learning assisted design and fabrication of graded photonic super-crystal devices for the control of plasmonic loss or absorption	Research - Basic	National Science Foundation - Federal NSF		PI	11/1/2020	2.91	4850.00%	75	\$211,577	Declined
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Totals for	Lin, Yuankun									\$211,577	
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Neogi, Arup

20-0568 Proposal: New	Plasmon-enhanced Chiral-Optical Sensors for Rapid Detection of COVID-19	Research - Applied	National Science Foundation - Federal NSF		PI	10/1/2020	2.91	4850.00%	100	\$462,200	Declined
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Totals for	Neogi, Arup									\$462,200	
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Totals for	Physics									\$673,777	
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Totals for	College of Science									\$4,521,497	
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Ryan College of Business

Marketing & Logistics

Bomba, Michael

Bomba, M. , Co-PI; Marketing & Logistics; Hutson, N. , PI; Public Administration; Namuduri, K. , Co-PI; Electrical Engineering

20-0554 Proposal: New	A New Transportation Divide: Addressing Transportation Demand and Virtual Substitution Inequities for a Post-COVID Future	Research - Applied	U.S. Department of Transportation - DOT	Federal	Co-PI	10/1/2020	1.41	4850.00%	30	\$450,000	Declined
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Totals for	Bomba, Michael									\$450,000	
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Totals for	Marketing & Logistics									\$450,000	
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Totals for	Ryan College of Business									\$450,000	
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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
University Library											
University Library - Gen											
Phillips, Mark											
<i>Phillips, M. , Co-PI; University Library - Gen; Kim, J. , PI; Information Science; Moye, T. , Co-PI; History</i>											
20-0548 Proposal: New	Best Practices and Principles of Oral History Curation	Research - Basic	National Endowment for the Humanities - NEH	Federal	Co-PI	3/1/2021	1.16	4850.10%	15	\$11,223	Pending
Totals for Phillips, Mark										\$11,223	
Totals for University Library - Gen										\$11,223	
University Press											
Chrisman, Ronald											
20-0523 Proposal: New	Publication of Books in the Humanities during COVID-19	Public Service	National Endowment for the Humanities - NEH	Federal	PI	6/15/2020	0.5	3150.00%	100	\$66,290	Declined
Totals for Chrisman, Ronald										\$66,290	
Totals for University Press										\$66,290	
Totals for University Library										\$77,513	
Totals for UNT										\$13,485,393	
Totals for May FY2020:										\$13,485,393	