

**Monthly Awards Report for May 2020**  
Office of Grants and Contracts Administration, University of North Texas

Awards Total by College	May 2019	May 2020	YTD FY2019	YTD FY2020
College of Business	\$ 4,000.00	\$ -	\$ 226,981	\$ 1,590,962
College of Education	\$ -	\$ 59,952	\$ 1,119,208	\$ 1,664,251
College of Engineering	\$ 1,218,189.00	\$ 1,629,190	\$ 6,311,392	\$ 10,349,792.40
College of Health and Public Service (prev. PACS)	\$ -	\$ 24,000	\$ 1,754,941	\$ 2,067,568
College of Information	\$ 256,599.00	\$ -	\$ 1,027,128	\$ 335,866
College of Liberal Arts & Social Sciences	\$ -	\$ 175,532	\$ 1,310,974	\$ 1,175,684
College of Merchandising, Hospitality and Tourism	\$ -	\$ -	\$ 160,609	\$ 60,940
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ 549,071.00	\$ 721,675	\$ 8,329,705	\$ 7,209,193
College of Visual Arts and Design	\$ -	\$ -	\$ 25,000	\$ 115,232
Mayborn School of Journalism	\$ -	\$ 5,000	\$ -	\$ 5,000
Other <sup>1</sup>	\$ -	\$ -	\$ 2,104,071	\$ 3,531,427.50
<b>Grand Total:</b>	<b>\$2,027,859</b>	<b>\$ 2,615,349</b>	<b>\$ 22,370,009</b>	<b>\$ 28,105,916</b>

**Awards Total by Category**

Instruction	\$ 16,000.00	\$ -	\$ 1,021,354	\$ 1,449,631.00
Research	\$ 55,000.00	\$ 2,569,361.75	\$ 4,662,211	\$ 21,968,455.45
Public Service	\$ 1,956,859.00	\$ 45,987.00	\$ 16,686,445	\$ 4,687,829.50
Others	\$ -	\$ -	\$ -	\$ -
<b>Grand Total:</b>	<b>\$ 2,027,859</b>	<b>\$ 2,615,349</b>	<b>\$ 22,370,009</b>	<b>\$ 28,105,916</b>

**Awards Total by Source of Funding**

Federal	\$ 1,612,206.00	\$ 2,127,316.75	\$ 15,641,912	\$ 16,165,298.55
Private	\$ 370,293.00	\$ 414,170.00	\$ 5,281,892	\$ 4,927,120.50
State	\$ 45,360.00	\$ 73,862.00	\$ 1,446,206	\$ 7,013,496.90
<b>Grand Total:</b>	<b>\$ 2,027,859</b>	<b>\$ 2,615,349</b>	<b>\$ 22,370,009</b>	<b>\$ 28,105,916</b>

**Note:** 1 "Other" colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity.

# Awards, May FY2020

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b>UNT</b>											
<b>College of Education</b>											
<b>Educational Psychology</b>											
<b>Barrio,Brenda Leticia</b>											
GN19-0619	GF40149	Collaborative Research: Bridging the Writing Transfer Gap in Early Engineering Laboratory Courses	R	Washington State University	Private	7/16/2020-6/30/2022	\$18,965	\$0	\$18,965	100%	\$18,965
Total for <b>Barrio,Brenda Leticia</b>											<b>\$18,965</b>
<b>Middlemiss,Wendy</b>											
GN20-0469	GF40146	University of North Texas COVID-19 Planning Grant	PS	OneStar National Service Commission	Private	4/6/2020-8/31/2020	\$40,987	\$0	\$40,987	100%	\$40,987
Total for <b>Middlemiss,Wendy</b>											<b>\$40,987</b>
Total for <b>Educational Psychology</b>											<b>\$59,952</b>
Total for <b>College of Education</b>											<b>\$59,952</b>
<b>College of Engineering</b>											
<b>Computer Science &amp; Engineering</b>											
<b>Yang,Qing</b>											
GN20-0175	GF30093	Collaborative Research: Enabling Machine Learning based Cooperative Perception with mmWave Communication for Autonomous Vehicle Safety	R	National Science Foundation	Federal	6/15/2020-5/31/2023	\$246,518	\$0	\$246,518	100%	\$246,518
Total for <b>Yang,Qing</b>											<b>\$246,518</b>
Total for <b>Computer Science &amp; Engineering</b>											<b>\$246,518</b>

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b>Electrical Engineering</b>											
<b>Acevedo,Miguel F</b>											
GN18-0600	GF30077	INFEWS/T2: Improving crop yield and soil salinity by cost-effective integration of microbial community, hydrology, desalination, and renewable power	R	National Science Foundation	Federal	8/1/2019-7/31/2024	\$2,499,328	\$1,575,380	\$923,948	100%	\$923,948
Total for <b>Acevedo,Miguel F</b>											<b>\$923,948</b>
<b>Fu,Shengli</b>											
GN19-0395	GF40131	CAREER: Co-Design of Networking and Decentralized Control to Enable Aerial Networks in an Uncertain Airspace	R	University of Texas at Arlington	Federal	9/1/2019-5/31/2021	\$41,402	\$20,505	\$20,897	100%	\$20,897
Total for <b>Fu,Shengli</b>											<b>\$20,897</b>
<b>Kaul,Anupama Bhat</b>											
<i>Kaul, A., PI; Electrical Engineering; Kaul, A., PI; Materials Science &amp; Engineering</i>											
GN20-0286	GF70075	Two-dimensional (2D) and three-dimensional (3D) organo-halide perovskites for flexible solar cells	R	U.S. Office of Naval Research	Federal	5/4/2020-5/3/2023	\$474,000	\$316,000	\$158,000	20%	\$31,600
Total for <b>Kaul,Anupama Bhat</b>											<b>\$31,600</b>
Total for <b>Electrical Engineering</b>											<b>\$976,445</b>
<b>Engineering Technology</b>											
<b>Yu,Cheng</b>											
GN20-0417	GP00066	Analysis of Cold-Formed Steel Framed Shear Walls Sheathed by MegaBoard	R	Ectek International Inc.	Private	6/1/2020-6/30/2020	\$13,000	\$0	\$13,000	100%	\$13,000
GN20-0386	GP00067	Analysis of Nucor Bolted Connections for Cold-Formed Steel	R	Nucor Buildings Group	Private	6/1/2020-9/1/2020	\$11,000	\$0	\$11,000	100%	\$11,000
Total for <b>Yu,Cheng</b>											<b>\$24,000</b>
Total for <b>Engineering Technology</b>											<b>\$24,000</b>

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b>Materials Science &amp; Engineering</b>											
<b>Choi,Wonbong</b>											
<i>Choi, W., PI; Materials Science &amp; Engineering; Choi, W., PI; Mechanical &amp; Energy Engineering</i>											
GN18-0390	GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	R	Asian Office of Aerospace Research	Federal	7/2/2018-7/1/2021	\$300,000	\$200,000	\$100,000	80%	\$80,000
<b>Total for Choi,Wonbong</b>											<b>\$80,000</b>
<b>D'Souza,Francis</b>											
<i>D'Souza, F., PI; Materials Science &amp; Engineering; D'Souza, F., PI; Chemistry</i>											
GN20-0011	GF30091	CAS: Near-IR Absorbing Intramolecular Charge Transfer Complexes: Syntheses, Symmetry-Breaking Charge Transfer, and Charge Transfer Reversal by External Stimuli	R	National Science Foundation	Federal	6/1/2020-5/31/2023	\$404,266	\$0	\$404,266	20%	\$80,853
<b>Total for D'Souza,Francis</b>											<b>\$80,853</b>
<b>Kaul,Anupama Bhat</b>											
<i>Kaul, A., PI; Materials Science &amp; Engineering; Kaul, A., PI; Electrical Engineering</i>											
GN20-0286	GF70075	Two-dimensional (2D) and three-dimensional (3D) organo-halide perovskites for flexible solar cells	R	U.S. Office of Naval Research	Federal	5/4/2020-5/3/2023	\$474,000	\$316,000	\$158,000	80%	\$126,400
<b>Total for Kaul,Anupama Bhat</b>											<b>\$126,400</b>
<b>Mishra,Rajiv Sharan</b>											
GN17-0373	GF40056	Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications	R	University of Central Florida	Federal	7/1/2017-6/30/2021	\$224,825	\$149,851	\$74,974	100%	\$74,974
<b>Total for Mishra,Rajiv Sharan</b>											<b>\$74,974</b>
<b>Total for Materials Science &amp; Engineering</b>											<b>\$362,227</b>

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b><i>Mechanical &amp; Energy Engineering</i></b>											
<b>Choi,Wonbong</b>											
<i>Choi, W., PI; Mechanical &amp; Energy Engineering; Choi, W., PI; Materials Science &amp; Engineering</i>											
GN18-0390	GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	R	Asian Office of Aerospace Research	Federal	7/2/2018-7/1/2021	\$300,000	\$200,000	\$100,000	20%	\$20,000
Total for <b>Choi,Wonbong</b>											<b>\$20,000</b>
Total for <b>Mechanical &amp; Energy Engineering</b>											<b>\$20,000</b>
Total for <b>College of Engineering</b>											<b>\$1,629,190</b>
<b><i>College of Health &amp; Public Service</i></b>											
<b><i>Public Administration</i></b>											
<b>Jang,Hee Soun</b>											
GN20-0478	GP50011	Visiting Scholar Training	R	Seoul Metropolitan Government	Private	5/1/2020-12/31/2021	\$12,000	\$0	\$12,000	100%	\$12,000
GN20-0576	GP50012	Visiting Scholar Training	R	Seoul Metropolitan Government	Private	5/1/2020-12/31/2021	\$12,000	\$0	\$12,000	100%	\$12,000
Total for <b>Jang,Hee Soun</b>											<b>\$24,000</b>
Total for <b>Public Administration</b>											<b>\$24,000</b>
Total for <b>College of Health &amp; Public Service</b>											<b>\$24,000</b>
<b><i>College of Liberal Arts &amp; Social Sciences</i></b>											
<b><i>Psychology</i></b>											
<b>Jones,Martique Karee</b>											
GN20-0460	GP20096	Invincible Black Women: An Empirical Investigation of Group Psychotherapy Support for Black College Women	R	University of Michigan	Private	4/1/2020-9/30/2020	\$2,000	\$0	\$2,000	100%	\$2,000

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
GN20-0462	GP20097	A Mixed Methodological Investigation of Institutional Climate, Mental Health Service Utilization, and Wellness among Black College Students at a Predominantly White Institution (PWI) and a Minority Serving Institution (MSI)	R	University of Michigan	Private	4/1/2020-9/30/2020	\$1,000	\$0	\$1,000	100%	\$1,000
<b>Total for Jones,Martinque Karee</b>											
<b>\$3,000</b>											
<b>Riggs,Shelley Ann</b>											
GN20-0291	GF70076	Adaption, Refinement, and Open Trial of Parent Training for Veterans with PTSD, Strength at Home-Parents Pilot	R	U.S. Department of Veterans Affairs	Federal	6/1/2020-8/31/2020	\$21,023	\$0	\$21,023	100	\$21,023
<b>Total for Riggs,Shelley Ann</b>											
<b>\$21,023</b>											
<b>Ruggero,Camilo</b>											
GN20-0341	GF50007	Development of Negative Valence Measures	R	State University of New York at Buffalo	Private	4/1/2020-3/31/2021	\$151,509	\$0	\$151,509	100%	\$151,509
<b>Total for Ruggero,Camilo</b>											
<b>\$151,509</b>											
<b>Total for Psychology</b>											
<b>\$175,532</b>											
<b>Total for College of Liberal Arts &amp; Social Sciences</b>											
<b>\$175,532</b>											
<b>College of Science</b>											
<b>Advanced Environmental Research</b>											
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<b>Mager,Edward Michael</b>											
GN20-0148	GF40148	Assessing Fish Swimming Performance to Inform Stream Crossing Design and Barrier Prioritization	R	Texas Parks and Wildlife Department	State	1/1/2020-12/31/2021	\$40,000	\$0	\$40,000	100%	\$40,000
<b>Total for Mager,Edward Michael</b>											
<b>\$40,000</b>											
<b>Total for Advanced Environmental Research</b>											
<b>\$40,000</b>											

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b><i>Biological Sciences</i></b>											
<b>Antunes,Mauricio Schustersch</b>											
GN20-0359	GP00065	Global analysis of gene expression in Arabidopsis plants treated with a biostimulant;	R	Agricen Sciences, Inc.	Private	5/18/2020-8/18/2020	\$16,709	\$0	\$16,709	100%	\$16,709
Total for <b>Antunes,Mauricio Schustersch</b>											<b>\$16,709</b>
<b>Mager,Edward Michael</b>											
GN19-0557	GF40147	Assessing Fish Swimming Performance to Inform Stream Crossing Design and Barrier Prioritization	R	Texas Parks and Wildlife Department	State	1/1/2020-12/31/2021	\$33,862	\$0	\$33,862	100%	\$33,862
Total for <b>Mager,Edward Michael</b>											<b>\$33,862</b>
Total for <b>Biological Sciences</b>											<b>\$50,571</b>
<b><i>Chemistry</i></b>											
<b>Cisneros,Gerardo Andres</b>											
GN18-0579	GF30078	Collaborative Research: Computational Investigation of Solvent Effects on Enzyme Catalysis	R	National Science Foundation	Federal	8/1/2019-7/31/2022	\$252,566	\$166,399	\$86,167	100%	\$86,167
Total for <b>Cisneros,Gerardo Andres</b>											<b>\$86,167</b>
<b>Cundari,Thomas Richard</b>											
GN19-0137	GP20075	Hydridic Activation of Light Alkanes	R	Robert A. Welch Foundation	Private	6/1/2019-5/31/2022	\$195,000	\$130,000	\$65,000	100%	\$65,000
Total for <b>Cundari,Thomas Richard</b>											<b>\$65,000</b>

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b>D'Souza,Francis</b>											
<i>D'Souza, F., PI; Chemistry; D'Souza, F., PI; Materials Science &amp; Engineering</i>											
GN20-0011	GF30091	CAS: Near-IR Absorbing Intramolecular Charge Transfer Complexes: Syntheses, Symmetry-Breaking Charge Transfer, and Charge Transfer Reversal by External Stimuli	R	National Science Foundation	Federal	6/1/2020-5/31/2023	\$404,266	\$0	\$404,266	80%	\$323,413
Total for <b>D'Souza,Francis</b>											<b>\$323,413</b>
Total for <b>Chemistry</b>											<b>\$474,580</b>
<b>Mathematics</b>											
<b>Gao,Su</b>											
<i>Gao, S., PI; Jackson, S., Co-PI; Mathematics</i>											
GN17-0686	GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	R	National Science Foundation	Federal	6/1/2018-5/31/2021	\$270,000	\$178,476	\$91,524	50%	\$45,762
Total for <b>Gao,Su</b>											<b>\$45,762</b>
<b>Jackson,Stephen Craig</b>											
<i>Jackson, S., Co-PI; Gao, S., PI; Mathematics</i>											
GN17-0686	GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	R	National Science Foundation	Federal	6/1/2018-5/31/2021	\$270,000	\$178,476	\$91,524	50%	\$45,762
Total for <b>Jackson,Stephen Craig</b>											<b>\$45,762</b>
Total for <b>Mathematics</b>											<b>\$91,524</b>
<b>Physics</b>											
<b>Andreussi,Oliviero</b>											
GN19-0293	GP20074	Modelling solvation-driven rare-events: from drug design to protein folding	R	Robert A. Welch Foundation	Private	6/1/2019-5/31/2022	\$195,000	\$130,000	\$65,000	100%	\$65,000
Total for <b>Andreussi,Oliviero</b>											<b>\$65,000</b>
Total for <b>Physics</b>											<b>\$65,000</b>
Total for <b>College of Science</b>											<b>\$721,675</b>

**Mayborn School of Journalism**



File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<b><i>Mayborn School of Journalism</i></b>											
<b>Bland,Dorothy Mae</b>											
GN20-0530	GP30024	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	PS	UNT Foundation	Private	6/7/2019-12/31/2020	\$5,000	\$0	\$5,000	100%	\$5,000
Total for <b>Bland,Dorothy Mae</b>											<b>\$5,000</b>
Total for <b>Mayborn School of Journalism</b>											<b>\$5,000</b>
Total for <b>Mayborn School of Journalism</b>											<b>\$5,000</b>
Total for <b>UNT</b>											<b>\$2,615,349</b>
Total for <b>MayFY2020:</b>											<b>\$2,615,349</b>