Monthly Expenditures Report for September 2018

Office of Grants and Contracts, University of North Texas

enditures Total by College	Se	ptember 2017		September 2018		YTD FY2018		YTD FY2019
College of Business	\$	37,753	\$	27,838	\$	37,753	\$	27,838
College of Education	\$	311,445	\$	116,866	\$	311,445	\$	116,866
College of Engineering	\$	437,760	\$	1,521,488	\$	437,760	\$	1,521,488
College of Health & Public Service (prev. PACS)	\$	147,262	\$	161,520	\$	147,262	\$	161,520
College of Information	\$	64,917	\$	34,180	\$	64,917	\$	34,180
College of Liberal Arts & Social Sciences	\$	292,804	\$	46,619	\$	292,804	\$	46,619
College of Merchandising Hospitality and Tourism	\$	21,593	\$	5,993	\$	21,593	\$	5,993
College of Music	\$	-	\$	-	\$	-	\$	-
College of Science	\$	505,609	\$	481,666	\$	505,609	\$	481,666
College of Visual Arts and Design	\$	3,294	\$	-	\$	3,294	\$	-
Mayborn School of Journalism	\$	2,617	\$	-	\$	2,617	\$	-
Other	\$	180,666	\$	215,039	\$	180,666	\$	215,039
Grand Total:	\$	2,005,720	\$	2,611,209	\$	2,005,720	\$	2,611,209
enditures Total by Category								
Instruction	\$	357,817	\$	151,590	\$	357,817	\$	151,590
Research	\$	1,299,739	\$	2,173,701	\$	1,299,739	\$	2,173,701
Public Service	\$	348,164	\$	285,918	\$	348,164	\$	285,918
Grand Total:	\$	2,005,720	\$	•	\$	2,005,720	\$	2,611,209
enditures Total by Source of Funding								
Federal	۲	1 602 601	۲	2 200 015	۲	1 602 601	۲	2 200 045
	\$	1,603,601	\$	•		1,603,601		2,309,915
Private	\$	321,270	\$	•	\$	321,270	\$	227,490
State	\$	80,848	\$	•	\$	80,848	\$	73,805
Grand Total:	\$	2,005,720	\$	2,611,209	\$	2,005,720	\$	2,611,209

Note: "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. 2 "Other" categories include Academic Support, Student Services, Institutional Support, Scholarships and Fellowships

last updated 1/7/2019

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
UNT								
College	of Business							
Informa	tion Technology & Decision Science							
Kim,Da	n Jong							
,	Co-PI; Information Technology & Decision Science; De	antu, R., PI; Compute	r Science & Engineering; Hawamdel	h, S., Co-PI; Info	ormation	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through as Integrated Multidisciplinary Doctoral Program in Information Assurance	n Instruction	National Science Foundation		ral Co-PI		1 25%	(\$1,135
Kim, D.,	Co-PI; Information Technology & Decision Science; De	antu, R., PI; Compute	r Science & Engineering; Hawamdel	h, S., Co-PI; Info	ormation	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through at Integrated Multidisciplinary Doctoral Program in Information Assurance		National Science Foundation	Fede	ral Co-PI	\$2,500	25%	\$625
GF70029	Export Controlled, title removed	Instruction	National Security Agency	Fede	ral PI	-\$4,053	3 100%	(\$4,053
	Total	s for Kim,Dan Jong						(\$4,563
	Total	for Information Te	chnology & Decision Science					(\$4,563

Damba	Michael	Ctombo

Bomba, I	M., Co-PI; Nowicki, D., PI; Marketing & Logistics; Nowicki, D	., PI; Engineerii	ng Technology; Carroll, M., Co-PI; Econo	omics			
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Federal Co-PI	\$36,001	50%	\$18,001

Bomba,Michael Stephen	\$18,000
	Bomba,Michael Stephen

Nowicki, David Richard

Nowicki, D., PI; Bomba, M., Co-PI; Marketing & Logistics; Nowicki, D., PI; Engineering Technology; Carroll, M., Co-PI; Economics

GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S	Research	Texas Department of Transportation	Federal	PΙ	\$36,001	40%	\$14,401
	SURFACE TRANSPORTATION ACT AND THE BORDER							
	TRADE ADVISORY COMMITTEE							

ADE AD VISORT COMMITTEE			
	Totals for	Nowicki,David Richard	\$14,401
	Totals for	Marketing & Logistics	\$32,401
	Totals for	College of Business	\$27.838

College of Education

Autism Center

Callahan,Kevin John

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GA00007	A+HIPPY: A Statewide Autism Parent Training Collaboration	Public Service	Texas Higher Education Coordinating Board	State	PI	\$12,139	100%	\$12,139
Callahan, GF0614	K., Co-PI; Autism Center; Mehta, S., PI; Boesch, M., Co-P Project STArT: Systematic Training of Autism Teachers Totals for Totals for	Instruction Callahan,Kevin John	U.S. Department of Education	Feder	ral Co-PI	\$17,193	13.33%	\$2,292 \$14,431 \$14,431
Counsel	ing & Higher Education							
Bower,F	Beverly							
GP20053	Council for the Study of Community Colleges	Public Service	Council for the Study of Community Colleges	Priva	te PI	\$442	100%	\$442
	Totals for	Bower,Beverly						\$442
Ceballos	s,Peggy Lorena							
Ceballos,	P., Co-PI; Wilson, A., PI; Counseling & Higher Education;	Carey, C., Co-PI; Di	sability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administra	tion Feder	ral Co-PI	\$10,632	25%	\$2,658
Ceballos,	P., Co-PI; Ray, D., PI; Lindo, N., Co-PI; Counseling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Priva	te Co-PI	\$8,678	25%	\$2,169
	Totals for	Ceballos,Peggy Loren	na					\$4,827
-	atalya Ann							
	, Co-PI; Ray, D., PI; Ceballos, P., Co-PI; Counseling & Hig							
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Priva	te Co-PI	\$8,678	25%	\$2,169
Prosek,l	Totals for Elizabeth Ann	Lindo,Natalya Ann						\$2,169
GF40062	Denton County Veterans Treatment Court Program	Public Service	Denton County	Fede	ral PI	\$3,704	100%	\$3,704
	Totals for	Prosek,Elizabeth Anı	1					\$3,704
Ray,Dea								
Ray, D., I	PI; Ceballos, P., Co-PI; Lindo, N., Co-PI; Counseling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Priva	te PI	\$8,678	50%	\$4,339
	Totals for	Ray,Deanne C						\$4,339
Wilson,	Angie Denise							

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
Wilson, A.	, PI; Ceballos, P., Co-PI; Counseling & Higher Education	; Carey, C., Co-PI; Di	sability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administr	ration Feder	al PI	\$10,632	50%	\$5,316
Wilson, A.	, PI; Counseling & Higher Education; Carey, C., Co-PI; D	Disability & Addiction	Rehabilitation					
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	\$4,435	50%	\$2,218
	Totals for	Wilson,Angie Denise						\$7,533
	Totals for	Counseling & Higher	Education					\$23,015
Educatio	nal Psychology							
Boesch.N	Miriam Chacon							
-	I., Co-PI; Mehta, S., PI; Combes, B., Co-PI; Educational P	sychology; Callahan,	K., Co-PI; Autism Center					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Feder	al Co-PI	\$17,193	13.33%	\$2,292
	Totals for	Boesch,Miriam Chac	on					\$2,292
Combes,	Bertina H							
Combes, E	3., PI; Mehta, S., Co-PI; Educational Psychology							
GF0609	Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships	Instruction	U.S. Department of Education	Feder	al PI	\$1,363	67%	\$913
Combes, E	3., Co-PI; Mehta, S., PI; Boesch, M., Co-PI; Educational P	sychology; Callahan,	K., Co-PI; Autism Center					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Feder	al Co-PI	\$17,193	13.34%	\$2,294
	Totals for	Combes,Bertina H						\$3,207
Frosch,C	Cynthia Ann							
GP30009	The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts	n Research	Columbia University	Priva	te PI	\$922	100%	\$922
	Totals for	Frosch,Cynthia Ann						\$922
Hull,Dar	rell							
Hull, D., C	Co-PI; Middlemiss, W., PI; Jacobson, A., Co-PI; Education	al Psychology						
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Feder	al Co-PI	\$17,637	0%	\$0
	Totals for	Hull,Darrell						\$0
Jacobson	n,Arminta Lee							
Jacobson,	A., Co-PI; Middlemiss, W., PI; Hull, D., Co-PI; Education	aal Psychology						
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Feder	al Co-PI	\$17,637	50%	\$8,819
	Totals for	Jacobson,Arminta Le	ee					\$8,819
Mehta,S	mita							

Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mehta, S.,	Co-PI; Combes, B., PI; Educational Psychology	y							
GF0609	Project TELL: Training Effective Leaders for High-N Schools Through Local Partnerships	Needs	Instruction	U.S. Department of Education	Feder	al Co-PI	\$1,363	33%	\$450
Mehta, S.,	PI; Boesch, M., Co-PI; Combes, B., Co-PI; Edu	icational Ps	ychology; Callahan,	K., Co-PI; Autism Center					
GF0614	Project STArT: Systematic Training of Autism Teach	ners	Instruction	U.S. Department of Education	Feder	al PI	\$17,193	60%	\$10,316
		Totals for	Mehta,Smita						\$10,765
Middlen	niss,Wendy								
Middlemi.	ss, W., PI; Hull, D., Co-PI; Jacobson, A., Co-PI;	Education	al Psychology						
GF40065	Texas HIPPYCorps		Public Service	OneStar National Service Commission	n Feder	al PI	\$17,637	50%	\$8,819
		Totals for	Middlemiss,Wendy						\$8,819
		Totals for	Educational Psychol	logy					\$34,823
Kinesiole	ogy, Health Promotion, & Recreation								
Rowman	,Erin Marie kellogg								
	E., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vi.	noren I (Co-PI: Kinesiology I	Health Promotion & Recreation: Mc	farlin R Pl	· Vinoren	ı I Co-PI: Bio	logical Science	7
GP00026	Does 90-days of Megasporebiotic supplementation re prandial responses to a high-fat meal?			Physicians Exclusive, LLC		e Co-PI	\$283		\$28
		Totals for	Bowman,Erin Marie	e kellogg					\$28
Hull,Dai	rrell								
Hull, D.,	Co-PI; Middlemiss, W., PI; Jacobson, A., Co-PI;	Kinesiolog	y, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance		Public Service	Texas Department of Family & Protection Services	tive Feder	al Co-PI	\$777	0%	\$0
Hull, D.,	Co-PI; Middlemiss, W., PI; Kinesiology, Health I	Promotion,	& Recreation						
GP6438	HIPPY Technical Assistance		Public Service	Home Instruction for Parents of Presci Youngsters (HIPPY) USA	hool Priva	e Co-PI	\$2,579	50%	\$1,290
		Totals for	Hull,Darrell						\$1,290
Jacobson	n,Arminta Lee								
Jacobson,	A., Co-PI; Middlemiss, W., PI; Hull, D., Co-PI;	Kinesiolog	y, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance		Public Service	Texas Department of Family & Protect Services	tive Feder	al Co-PI	\$777	50%	\$388
		Totals for	Jacobson,Arminta I	Lee					\$388
Keller,N	Iarian Jean								
GA00002	North Texas Pathway Project		Public Service	Texas Higher Education Coordinating Board	State	PI	\$1,013	100%	\$1,013

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GS00002	Minority Health Research and Education	Research	Texas Higher Education Coordinating Board	State	PI	\$1,436	100%	\$1,436
	Totals fo	or Keller,Marian Jear	1					\$2,449
Mcfarlin	Brian Keith							
Mcfarlin,	B., Co-PI; Kinesiology, Health Promotion, & Recreation	; Lund, A., PI; Mcfarli	n, B., Co-PI; Biological Sciences					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	al Co-PI	\$8,997	18%	\$1,619
Mcfarlin,	B., PI; Kinesiology, Health Promotion, & Recreation; Mo	cfarlin, B., PI; Biologi	cal Sciences					
GP00002	The Effect of 30 Days of Megasporebiotic Supplementation or Post-Prandial Responses to a High-Fat Meal	n Research	Physicians Exclusive, LLC	Privat	e PI	\$2,227	90%	\$2,004
Mcfarlin,	B., PI; Bowman, E., Co-PI; Olson, R., Co-PI; Vingren, J.	, Co-PI; Kinesiology,	Health Promotion, & Recreation; Mc	farlin, B., PI	; Vingren	a, J., Co-PI; Bio	logical Sciences	,
GP00026	Does 90-days of Megasporebiotic supplementation reduce on prandial responses to a high-fat meal?	post- Research	Physicians Exclusive, LLC	Privat	e PI	\$283	58.5%	\$166
	Totals fo	or Mcfarlin,Brian Kei	ith					\$3,789
Middlen	niss,Wendy							
Middlemis	ss, W., PI; Hull, D., Co-PI; Jacobson, A., Co-PI; Kinesion	logy, Health Promotio	n, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protec Services	tive Feder	al PI	\$777	50%	\$388
Middlemis	ss, W., PI; Hull, D., Co-PI; Kinesiology, Health Promotic	on, & Recreation						
GP6438	HIPPY Technical Assistance	Public Service	Home Instruction for Parents of Presch Youngsters (HIPPY) USA	nool Privat	e PI	\$2,579	50%	\$1,290
	Totals fo	or Middlemiss,Wendy	,					\$1,678
Olson,Ry	yan Lee							
Olson, R.,	Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Vingren, J.	, Co-PI; Kinesiology,	Health Promotion, & Recreation; Mc	farlin, B., PI	; Vingren	a, J., Co-PI; Bio	logical Sciences	,
GP00026	Does 90-days of Megasporebiotic supplementation reduce on prandial responses to a high-fat meal?	post- Research	Physicians Exclusive, LLC	Privat	e Co-PI	\$283	10%	\$28
	Totals fo	or Olson,Ryan Lee						\$28
Vingren,	Jakob Langberg							
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Olson, R.	., Co-PI; Kinesiology,	Health Promotion, & Recreation; Mc	farlin, B., PI	; Vingren	a, J., Co-PI; Bio	logical Sciences	7
GP00026	Does 90-days of Megasporebiotic supplementation reduce on prandial responses to a high-fat meal?	post- Research	Physicians Exclusive, LLC	Privat	e Co-PI	\$283	13.5%	\$38
	Totals fo	or Vingren,Jakob Lar	ngberg					\$38
	Totals for	or Kinesiology, Health	Promotion, & Recreation					\$9,689
Teacher .	Education & Administration							

Project ID	Title	Category	Sponsor	0	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Boyd, R.,	Co-PI; Teacher Education & Administration; Dixon, R.,	PI; Azad, R., Co-PI; Ch	nen, F., Co-PI; Biological Sciences; A	Azad, R., Co-	PI; Math	nematics; D'Sou	za, N., Co-PI; N	<i>lateri</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$15,659	10%	\$1,566
Boyd, R.,	PI; Gonzalez-Carriedo, R., Co-PI; Teacher Education &	Administration						
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Feder	al PI	\$27,218	50%	\$13,609
	Totals i	for Boyd,Rossana R						\$15,175
Eddy,Co	olleen M							
Eddy, C.,	Co-PI; Harrell, P., PI; Teacher Education & Administra	ntion						
GF40006	2016-2017 Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	Feder	al Co-PI	\$2,338	50%	\$1,169
		For Eddy, Colleen M						\$1,169
	z-Carriedo,Ricardo							
Gonzalez-	-Carriedo, R., Co-PI; Boyd, R., PI; Teacher Education &	Administration						
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Feder	al Co-PI	\$27,218	50%	\$13,609
	Totals t	for Gonzalez-Carriedo,	Ricardo					\$13,609
	Pamela Esprivalo							
Harrell, F	P., PI; Eddy, C., Co-PI; Teacher Education & Administra	tion						
GF40006	2016-2017 Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	Feder	al PI	\$2,338	50%	\$1,169
	Totals t	for Harrell,Pamela Esp	rivalo					\$1,169
Wickstr	om,Carol D							
GF40002	Improving Teacher Quality State Grants	Public Service	Texas Higher Education Coordinating Board	Feder	al PI	-\$89	100%	(\$89)
GF40007	2016-2017 SEED Invitational Leadership Institute to Invest in Developing New Teacher Leaders	n Instruction	National Writing Project	Feder	al PI	\$1,744	100%	\$1,744
GS6040	Travel to the Write for Texas State Professional Development Institutes and State Writing Coach Meetings	Public Service	University of Texas at Austin	State	PI	\$2,130	100%	\$2,130
	Totals i	for Wickstrom, Carol D						\$3,785
	Totals t	for Teacher Education	& Administration					\$34,908
	Totals i	for College of Education	n					\$116,866
College	of Engineering							
Biomedi	cal Engineering							

Yang, Yong

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended Rec This Period	ognition %	Recognition Amount
GF00009	Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis	Research	National Institutes of Health	Federal PI	\$14,190	100%	\$14,190
GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	Research	National Science Foundation	Federal PI	\$2,970	100%	\$2,970
		Yang,Yong					\$17,160
Zhu,Dor							
	PI; Biomedical Engineering; Young, M., Co-PI; Materials So	0 0			***		*** ***
GF00010	Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials	Research	National Institutes of Health	Federal PI	\$30,974	90%	\$27,876
	Totals for	Zhu,Donghui					\$27,876
	Totals for	Biomedical Engineer	ing				\$45,037
Compute	er Science & Engineering						
Akl,Rob	ert						
Akl, R., Co	o-PI; Kavi, K., PI; Computer Science & Engineering						
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federal Co-PI	\$7,799	20%	\$1,560
Akl, R., C	o-PI; Kavi, K., PI; Computer Science & Engineering						
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Private Co-PI	\$2,847	20%	\$569
	Totals for	Akl,Robert					\$2,129
Blanco V	/illar,Eduardo						
Blanco Vi	llar, E., Co-PI; Takabi, H., PI; Computer Science & Engine	ering					
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federal Co-PI	\$5,295	30%	\$1,589
GP00035	Short Text Classification in the Financial Domain	Research	Harvest Exchange Corp.	Private PI	\$2,542	100%	\$2,542
	Totals for	Blanco Villar,Eduard	lo				\$4,131
Bryce,Re	enee Cathryn						
Bryce, R.,	Co-PI; Takabi, H., PI; Computer Science & Engineering						
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Federal Co-PI	-\$8,603	50%	(\$4,302)
	Totals for	Bryce,Renee Cathryr	1				(\$4,302)
Dantu,R	amanamurthy						

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period		Recognition Amount
Dantu, R.	, PI; Computer Science & Engineering; Hawamdeh, S., Co-	PI; Information Scie	ence; Kim, D., Co-PI; Information Te	echnology & I	Decision	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral PI	-\$4,541	50%	(\$2,271)
Dantu, R.	, PI; Computer Science & Engineering; Hawamdeh, S., Co-	PI; Information Scie	ence; Kim, D., Co-PI; Information Te	echnology & I	Decision	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral PI	\$2,500	50%	\$1,250
GF30012	EAGER: Transformative Emergency Dispatch Protocols for a Sixty Second Response	Research	National Science Foundation	Feder	ral PI	\$4,455	100%	\$4,455
	Totals for	Dantu,Ramanamur	rthy					\$3,434
Do,Hyui	nsook							
GF1746	CAREER: Context-Aware Regression Testing Techniques and Empirical Evaluations of Their Economic Impact	Research	National Science Foundation	Feder	ral PI	\$10,722	100%	\$10,722
	Totals for	Do,Hyunsook						\$10,722
Fu,Song								
GF30011	CSR: Medium: Collaborative Research: Wizard: Exploiting Disk Performance Signatures For Cost Effective Management of Large Scale Storage Systems		National Science Foundation	Feder	ral PI	\$5,582	2 100%	\$5,582
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Feder	ral PI	\$5,582	100%	\$5,582
GF40088	Characterizing Flash Storage Failures (SSD, NVMeor Trinity Burst-buffer node/BBN)	Research	Los Alamos National Laboratory	Feder	ral PI	\$2,542	100%	\$2,542
	Totals for	Fu,Song						\$13,707
Huang,	Yan							
Huang, Y.	, PI; Yang, Q., Co-PI; Computer Science & Engineering; Z	hong, X., Co-PI; Ele	ectrical Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	or Feder	ral PI	\$5,062	50%	\$2,531
	Totals for	Huang,Yan						\$2,531
Jin,Wei								

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GF30025	CAREER: Creation, Visualization, and Mining of Domain Textual Graphs: Integrating Domain Knowledge and Human Intelligence	Research	National Science Foundation	Federa	al PI	\$10,727	100%	\$10,727
GF40040	EAGER: Data-Mining Driven Power-Efficient Intelligent Memory Storage for Mobile Video Applications	Research	North Dakota State University	Federa	al PI	-\$15	100%	(\$15)
	Totals for	Jin,Wei						\$10,713
Kavi,Kr	ishna M							
Kavi, K., I	PI; Akl, R., Co-PI; Computer Science & Engineering							
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federa	al PI	\$7,799	80%	\$6,239
GF30029	I/UCRC: NSF Net-centric and Cloud Software and Systems	Research	National Science Foundation	Federa	al PI	\$502	100%	\$502
Kavi, K.,	PI; Akl, R., Co-PI; Computer Science & Engineering							
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Privat	e PI	\$2,847	80%	\$2,278
GP6447B	User-centered quality engineering (UCQE) for software and systems	Research	Generic Pooled Sponsor	Privat	e PI	\$3,667	100%	\$3,667
	Totals for	Kavi,Krishna M						\$12,685
Ludi,Ste	phanie Ann							
Ludi, S., C	Co-PI; Computer Science & Engineering; Boettger, R., PI; T	echnical Communica	tion; Hoeinghaus, D., Co-PI; Biolog	gical Science	S			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federa	al Co-PI	\$5,826	22%	\$1,282
	Totals for	Ludi,Stephanie Ann						\$1,282
Mikler,A								
Mikler, A.	, PI; Ramisetty-Mikler, S., Co-PI; Computer Science & Engl	ineering; O'Neill II, N						
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federa	al PI	\$13,876	25%	\$3,469
Mikler, A.	, Co-PI; Computer Science & Engineering; O'Neill II, M., P	I; Institute for Applie	d Sciences					
GF40069	Los Angeles County Department of Public Health Emergency Preparedness and Response Program	Public Service	Los Angeles County	Federa	al Co-PI	\$4,282	50%	\$2,141
Mikler, A.	, PI; Computer Science & Engineering; O'Neill II, M., Co-P	I; Institute for Applie	d Sciences					
GF40080	Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6/5S	Research	Texas Department of State Health Serv	vice Federa	al PI	\$745	50%	\$373
	Totals for	Mikler,Armin R						\$5,983

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Ramiset	ty-Mikler,Suhasini							
Ramisetty	-Mikler, S., Co-PI; Mikler, A., PI; Computer Science & I	Engineering; O'Neill I	I, M., Co-PI; Institute for Applied Scie	ences; Tiwari,	C., Co-l	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federa	l Co-PI	\$13,876	25%	\$3,469
	Totals f	or Ramisetty-Mikler	,Suhasini					\$3,469
Takabi,	Hassan							
Takabi, H	I., PI; Bryce, R., Co-PI; Computer Science & Engineering	3						
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Federa	al PI	-\$8,603	50%	(\$4,302)
Takabi, H	I., PI; Blanco Villar, E., Co-PI; Computer Science & Eng	ineering						
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federa	al PI	\$5,295	70%	\$3,707
GF30053	SaTC: CORE: Small: An Attribute-based Insider Threat Mitigation Framework	Research	National Science Foundation	Federa	ıl PI	\$5,313	100%	\$5,313
GF70038	UNT GenCyber Summer Program: Inspiring the Next Generat of Cyber Stars in North Texas	ion Instruction	National Security Agency	Federa	ıl PI	-\$3,080	100%	(\$3,080)
	Totals f	or Takabi,Hassan						\$1,638
Yang,Qi	ing							
GF30041	NeTS: EAGER: Intelligent Information Dissemination in Vehicular Networks based on Social Computing	Research	National Science Foundation	Federa	ıl PI	\$9,898	100%	\$9,898
Yang, Q.,	Co-PI; Huang, Y., PI; Computer Science & Engineering	; Zhong, X., Co-PI; E	lectrical Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	or Federa	d Co-PI	\$5,062	30%	\$1,519
	Totals f	or Yang,Qing						\$11,417
	Totals f	or Computer Science	e & Engineering					\$79,538
Electrica	al Engineering							
Fu,Shen	gli							
GF30031	CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform	Research	National Science Foundation	Federa	ıl PI	\$3,870	100%	\$3,870
	Totals f	or Fu,Shengli						\$3,870
Kaul,An	upama Bhat							

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Kaul, A., I	PI; Electrical Engineering; Kaul, A., PI; Materia	ls Science	& Engineering						
GF40066	Electronic and Optical Properties of Two-Dimensiona Nbse2 and Elemental Black Phosphorus	l Tise2 &	Research	The University of Texas at El Paso	Feder	al PI	-\$117	20%	(\$23)
		Totals for	Kaul,Anupama Bhat						(\$23)
Lin,Yuai	nkun								
Lin, Y., PI	; Electrical Engineering; Lin, Y., PI; Physics								
GF30032	Collaborative Research: Three Dimensional Laser Ho Nanopatterning Using Metamaterial Phase Masks	olographic	Research	National Science Foundation	Feder	al PI	\$117	25%	\$29
Lin, Y., PI	; Electrical Engineering; Lin, Y., PI; Physics								
GF4228	Low Threshold Lasing and Selective Sensing Devices Organic Dyes Stabilized in Nanopores and Polymer P Crystals		Research	University of Texas at San Antonio	Feder	al PI	-\$2,433	25%	(\$608)
		Totals for	Lin,Yuankun						(\$579)
Mehta,G	ayatri								
GF30002	SHF: Small: Visual Architectures: Engaging Crowds and Discovery for Custom Reconfigurable Devices	in Design	Research	National Science Foundation	Feder	al PI	\$6,489	100%	\$6,489
		Totals for	Mehta,Gayatri						\$6,489
Namudu	ri,Kameswara Rao								
Namuduri	, K., PI; Electrical Engineering; Andrew, S., Co-	PI; Public	Administration						
GF30005	EAGER: Networked Aerial Base Stations For Enablir Emergency Communications During Disaster Recover		Research	National Science Foundation	Feder	al PI	\$10,822	50%	\$5,411
		Totals for	Namuduri,Kameswa	ra Rao					\$5,411
Zhong,X	iangnan								
Zhong, X.,	, Co-PI; Electrical Engineering; Huang, Y., PI; Y	ang, Q., C	Co-PI; Computer Scien	ice & Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Mach Learning in Expeditionary Cyber Systems	nine	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	or Feder	al Co-PI	\$5,062	20%	\$1,012
		Totals for	Zhong,Xiangnan						\$1,012
		Totals for	Electrical Engineerin	ıg					\$16,180
Engineer	ring Technology								
	dani,Seifollah								
	uani, S., Co-PI; Yu, C., Co-PI; Engineering Techno	ology: Mui	bhariaa S. PI: Mishra	a R. Co.Pl. Voqvadin A. Co.Pl.	Matorials Sci	onco & F	'nainaarina: 7h	ana H. Co-Pl	Mach
rvasrazaa GF40044	Engineered Materials and Materials Design of Engine		Research	Northeastern University		al Co-PI	_	_	\$1,073
OF40044	Materials (EMMDEM): Tactical Shelters	ereu	Resedicii	ryordicasterii Olliversity	reder	ai CO-PI	\$1,311	14.29%	\$1,073
Nasrazado	ani, S., PI; Yu, C., Co-PI; Engineering Technolog	y; Mishra,	R., Co-PI; Mukherje	e, S., Co-PI; Voevodin, A., Co-PI; I	Materials Sci	ence & E	Ingineering; Zh	ang, H., Co-PI;	Mech
GF40045	Engineered Materials and Materials Design of Engine Materials (EMMDEM): Tactical Shelters	-	Research	Northeastern University		al PI	\$1,251	_	\$179
	f Grants and Contracts Administration, Univ								'2019: Page 11 of 4

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Nasrazado	ani, S., Co-PI; Yu, C., Co-PI; Engineering Techn	ology; Muk	herjee, S., PI; Da	hotre, N., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zh	ang, H., Co-PI,	: Мес
GF40070	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral Co-PI	\$46,265	15%	\$6,940
Nasrazado	ani, S., PI; Yu, C., Co-PI; Engineering Technolo	gy; Dahotre	, N., Co-PI; Mukl	nerjee, S., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zl	ang, H., Co-PI,	: Мес
GF40071	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral PI	\$30,398	15%	\$4,560
Nasrazado	ani, S., PI; Yu, C., Co-PI; Engineering Technolo	gy; Dahotre	, N., Co-PI; Mukl	nerjee, S., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zl	ang, H., Co-PI,	Mec
GF40072	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral PI	\$2,476	15%	\$371
		Totals for	Nasrazadani,Seif	ollah					\$13,123
Nowicki	David Richard								
Nowicki, I	D., PI; Engineering Technology; Nowicki, D., PI	; Bomba, M	., Co-PI; Marketi	ng & Logistics; Carroll, M., Co-PI;	Economics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AM SURFACE TRANSPORTATION ACT AND THE E TRADE ADVISORY COMMITTEE		Research	Texas Department of Transportation	on Fede	ral PI	\$36,001	10%	\$3,600
		Totals for	Nowicki,David R	ichard					\$3,600
Yu,Cher	ng								
Yu, C., Co	o-PI; Nasrazadani, S., Co-PI; Engineering Techn	ology; Muk	herjee, S., PI; Mi	shra, R., Co-PI; Voevodin, A., Co-P	I; Materials Sci	ence & E	Engineering; Zha	ang, H., Co-PI;	Mech
GF40044	Engineered Materials and Materials Design of Engin Materials (EMMDEM): Tactical Shelters	eered	Research	Northeastern University	Fede	ral Co-PI	\$7,511	14.29%	\$1,073
Yu, C., Co	o-PI; Nasrazadani, S., PI; Engineering Technolo	gy; Mishra,	R., Co-PI; Mukhe	erjee, S., Co-PI; Voevodin, A., Co-P	PI; Materials Sci	ence & E	Engineering; Zha	ang, H., Co-PI;	Mech
GF40045	Engineered Materials and Materials Design of Engin Materials (EMMDEM): Tactical Shelters	eered	Research	Northeastern University	Fede	ral Co-PI	\$1,251	14.29%	\$179
Yu, C., Co	o-PI; Nasrazadani, S., Co-PI; Engineering Techn	ology; Muk	herjee, S., PI; Da	hotre, N., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zl	ang, H., Co-PI,	Мес
GF40070	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral Co-PI	\$46,265	15%	\$6,940
Yu, C., Co	o-PI; Nasrazadani, S., PI; Engineering Technolo	gy; Dahotre	, N., Co-PI; Mukl	nerjee, S., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zl	ang, H., Co-PI,	Мес
GF40071	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral Co-PI	\$30,398	15%	\$4,560
Yu, C., Co	o-PI; Nasrazadani, S., PI; Engineering Technolo	gy; Dahotre	, N., Co-PI; Mukl	nerjee, S., Co-PI; Voevodin, A., Co-	PI; Materials S	cience &	Engineering; Zl	ang, H., Co-PI,	: Мес
GF40072	Engineered Materials and Materials Design of Engin Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Fede	ral Co-PI	\$2,476	15%	\$371
		Totals for	Yu,Cheng						\$13,123
		Totals for	Engineering Tech	nology					\$29,846
Material	s Science & Engineering								

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Banerjee,	R., PI; Srivilliputhur, S., Co-PI; Materials Science & Engine	eering						
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	National Science Foundation	Fede	ral PI	\$547	50%	\$274
Banerjee,	R., Co-PI; Mishra, R., PI; Mukherjee, S., Co-PI; Reidy III, I	R., Co-PI; Scharf,	T., Co-PI; Xia, Z., Co-PI; Young, M., C	Co-PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co	-PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$1,064,510	10%	\$106,451
Banerjee,	R., Co-PI; Scharf, T., PI; Materials Science & Engineering							
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	n Fede	ral Co-PI	\$2,673	50%	\$1,337
GF70030	Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications	Research	Air Force Office of Scientific Research	n Fede	ral PI	\$16,699	100%	\$16,699
Banerjee,	R., Co-PI; Mishra, R., PI; Dahotre, N., Co-PI; Du, J., Co-P.	I; Mukherjee, S., C	Co-PI; Reidy III, R., Co-PI; Scharf, T.,	Co-PI; Sriv	illiputhur	, S., Co-PI; Xia	, Z., Co-PI; You	ng,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$84,208	12%	\$10,105
	Totals for	Banerjee,Rajarshi						\$134,865
Choi,Ta	e-Youl							
Choi, T.,	Co-PI; Materials Science & Engineering; Neogi, A., PI; Kro	khin, A., Co-PI; Pl	iysics					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Fede	ral Co-PI	\$17,619	20%	\$3,524
	Totals for	Choi,Tae-Youl						\$3,524
Choi,Wo	onbong							
Choi, W.,	PI; Materials Science & Engineering; Choi, W., PI; Mechan	ical & Energy Eng	gineering					
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research as Development	nd Fede	ral PI	\$6,102	80%	\$4,882
	Totals for	Choi, Wonbong						\$4,882
	,Narendra B							
Dahotre, l	N., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials	s Science & Engine	eering; Nasrazadani, S., Co-PI; Yu, C.,	Co-PI; En	gineering	Technology; Z	hang, H., Co-PI;	Mec
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$46,265	25%	\$11,566
Dahotre, l	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mate	rials Science & En	gineering; Nasrazadani, S., PI; Yu, C.,	, Co-PI; En	gineering	Technology; Z	hang, H., Co-PI;	Mec
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$30,398	3 25%	\$7,600

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Dahotre,	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mate	rials Science & Ei	ngineering; Nasrazadani, S., PI; Yu, C	C., Co-PI; En	gineering	Technology; Z	hang, H., Co-PI;	Мес
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$2,476	5 25%	\$619
Dahotre,	N., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Du, J., Co-P.	I; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T.	., Co-PI; Sriv	illiputhur	, S., Co-PI; Xia	, Z., Co-PI; You	ng,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$84,208	3 9%	\$7,579
GP50002	Laser Shaping of Biological Hard Tissue and Bone: Fundamentals and Engineering	Research	Australian Institute of Robotic Orthopaedics (AIRO)	Priva	ate PI	\$2,000	100%	\$2,000
	Totals for	Dahotre,Narendr	а В					\$29,363
D'souza,	Francis							
D'souza, I	F., PI; Materials Science & Engineering; D'souza, F., PI; Ch	emistry						
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	National Science Foundation	Fede	ral PI	\$1,652	20%	\$330
D'souza, I	F., Co-PI; Materials Science & Engineering; Wang, H., PI; I	O'souza, F., Co-P.	I; Chemistry					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Fede	ral Co-PI	\$699	8%	\$56
	Totals for	D'souza,Francis						\$386
D'Souza	,Nandika Anne							
D'Souza,	N., Co-PI; Materials Science & Engineering; Dixon, R., PI;	Azad, R., Co-PI;	Chen, F., Co-PI; Biological Sciences;	Azad, R., Co-	-PI; Math	ematics; Boyd,	R., Co-PI; Teac	her E
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,659	2%	\$313
D'Souza,	N., PI; Materials Science & Engineering; D'Souza, N., PI; M	echanical & Ener	rgy Engineering					
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Fede	ral PI	\$7,786	5 20%	\$1,557
	Totals for	D'Souza,Nandika	Anne					\$1,870
Du,Jincl	neng							
GF40041	Understanding Fundamental Science Governing the Development and Performance of Nuclear Waste Glasses	Research	Rutgers University - New Brunswick	x Fede	ral PI	\$19,844	100%	\$19,844
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Fede	ral PI	\$12,640	100%	\$12,640
Du, J., Co	o-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co-P.	I; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T.	., Co-PI; Sriv	illiputhur	, S., Co-PI; Xia	, Z., Co-PI; You	ng,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory		ral Co-PI			\$6,737

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GP50005	AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions	Research	Asahi Glass Co., Ltd. (AGC)	Priva	e PI	\$7,757	100%	\$7,757
	Totals for	Du,Jincheng						\$46,978
Kaul,An	upama Bhat							
Kaul, A.,	PI; Materials Science & Engineering; Kaul, A., PI; Electrica	al Engineering						
GF40066	Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus	Research	The University of Texas at El Paso	Feder	al PI	-\$117	80%	(\$94)
	Totals for	Kaul,Anupama Bhat						(\$94)
Mishra,l	Rajiv Sharan							
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research	National Science Foundation	Feder	al PI	\$5,563	100%	\$5,563
GF1715	Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing	Research	National Science Foundation	Feder	al PI	-\$142	100%	(\$142)
Mishra, R	., PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Reidy III,	R., Co-PI; Scharf, T.,	Co-PI; Xia, Z., Co-PI; Young, M.,	Co-PI; Mate	rials Scie	nce & Engineeri	ng; Xia, Z., Co-	.PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	al PI	\$1,064,510	40%	\$425,804
Mishra, R	., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials	Science & Engineeri	ng; Nasrazadani, S., Co-PI; Yu, C.	, Co-PI; Engi	neering T	echnology; Zhar	ng, H., Co-PI; N	Mech
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al Co-PI	\$7,511	14.29%	\$1,073
Mishra, R	., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mater	ials Science & Engin	eering; Nasrazadani, S., PI; Yu, C.	, Co-PI; Engi	neering T	echnology; Zhai	ng, H., Co-PI; N	Mech
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	_	al Co-PI	\$1,251	14.29%	\$179
GF40056	Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications	Research	University of Central Florida	Feder	al PI	\$4,762	100%	\$4,762
GF40091	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Feder	al PI	\$6,107	100%	\$6,107
GF70017	Cooperative Agreement # W911NF-13-2-0018 - Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research	US Army Research Laboratory	Feder	al PI	-\$48,200	100%	(\$48,200)

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF70024	Acquisition of a multi-physics materials processing equipment to investigate magnetic field effects	Research	Army Research Office	Fede	ral PI	-\$3,046	100%	(\$3,046)
GF70027	Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research	US Army Research Laboratory	Fede	ral PI	\$8,042	100%	\$8,042
GF70034	Superpredictor for Friction Stir Welding and Dissimilar Material Joining - CFSP IUCRC Membership Funded in P00015 to W911NF-13-2-0018	Research	US Army Research Laboratory	Fede	ral PI	\$1,208	100%	\$1,208
Mishra, R.	, PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI,	· Mukherjee, S., (Co-PI; Reidy III, R., Co-PI; Scharf, T	T., Co-PI; Sriv	illiputhur	, S., Co-PI; Xia,	Z., Co-PI; Your	ıg,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory		ral PI	\$84,208		\$19,368
	Totals for	Mishra,Rajiv Sha	ran					\$420,718
Mukherj	ee,Sundeep							
GF30022	I-Corps: Metallic glass catalysts for energy conversion and storage	Research	National Science Foundation	Fede	ral PI	\$1,283	100%	\$1,283
Mukherjee	e, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Reidy III, R.	, Co-PI; Scharf,	T., Co-PI; Xia, Z., Co-PI; Young, M	., Co-PI; Mate	rials Scie	nce & Engineer	ing; Xia, Z., Co-	·PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$1,064,510	10%	\$106,451
Mukherjee	e, S., PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Materials S	cience & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Eng	ineering T	Technology; Zha	ing, H., Co-PI; l	Mech
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral PI	\$7,511	28.55%	\$2,144
Mukherjee	e, S., Co-PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Materia	ıls Science & Eng	gineering; Nasrazadani, S., PI; Yu, C	C., Co-PI; Eng	ineering T	Technology; Zha	ng, H., Co-PI; l	Mech
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$1,251	28.55%	\$357
Mukherjee	e, S., PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materials	Science & Engin	eering; Nasrazadani, S., Co-PI; Yu,	C., Co-PI; En	gineering	Technology; Zh	ang, H., Co-PI;	Mec
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$46,265	25%	\$11,566
Mukherjee	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mater	ials Science & En	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; En	gineering	Technology; Zh	ang, H., Co-PI;	Мес
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$30,398	25%	\$7,600
Mukherjee	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mater	ials Science & En	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; En	gineering	Technology; Zh	ang, H., Co-PI;	Mec
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$2,476	25%	\$619

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mukherjee	e, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N	., Co-PI; Du, J., Co-	PI; Reidy III, R., Co-PI; Scharf, T.,	Co-PI; Srivi	illiputhur,	, S., Co-P; Xia,	Z., Co-PI; Youn	g, M
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$84,208	8%	\$6,737
	Totals for	Mukherjee,Sundeep						\$136,756
Reidy II	I,Richard F							
Reidy III,	R., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S	S., Co-PI; Scharf, T.,	Co-PI; Xia, Z., Co-PI; Young, M.,	Co-PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co-	·PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	al Co-PI	\$1,064,510	10%	\$106,451
Reidy III,	R., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N.,	Co-PI; Du, J., Co-P	I; Mukherjee, S., Co-PI; Scharf, T.,	Co-PI; Srive	illiputhur,	, S., Co-PI; Xia,	Z., Co-PI; Your	ıg,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$84,208	8%	\$6,737
Reidy III,	R., Co-PI; Young, M., PI; Materials Science & Engineering							
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Priva	te Co-PI	\$2,351	25%	\$588
	Totals for	Reidy III,Richard F						\$113,775
Scharf,T	'homas W							
Scharf, T.,	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S.,	Co-PI; Reidy III, R.,	Co-PI; Xia, Z., Co-PI; Young, M.,	Co-PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co-	·PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	al Co-PI	\$1,064,510	10%	\$106,451
Scharf, T.,	, PI; Banerjee, R., Co-PI; Materials Science & Engineering							
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	ch Feder	al PI	\$2,673	50%	\$1,337
Scharf, T.,	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., C	o-PI; Du, J., Co-PI;	Mukherjee, S., Co-PI; Reidy III, R.,	Co-PI; Srivi	illiputhur,	, S., Co-PI; Xia,	Z., Co-PI; You	ıg,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$84,208	8%	\$6,737
	•	Scharf,Thomas W						\$114,524
Srivillip	uthur,Srinivasan G.							
=	hur, S., Co-PI; Banerjee, R., PI; Materials Science & Engine	eering						
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	National Science Foundation	Feder	al Co-PI	\$547	50%	\$274
Srivilliput	hur, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre	, N., Co-PI; Du, J., O	Co-PI; Mukherjee, S., Co-PI; Reidy	III, R., Co-P	I; Scharf,	T., Co-PI; Xia,	Z., Co-PI; You	ıg,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory		ral Co-PI			\$6,737

Voevodin, A., 0 GF40044 Eng Ma Voevodin, A., 0 GF40045 Eng Ma Voevodin, A., 0 GF40070 Eng Ma	Totals for andrey Aleksejevich Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials Signeered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mishra, R., Co-PI; Mukherjee, S., Co-PI; Material gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materials	Research ls Science & Eng Research	neering; Nasrazadani, S., Co-PI; Yu, C Northeastern University Sineering; Nasrazadani, S., PI; Yu, C Northeastern University	Feder E., Co-PI; Engin Feder	al Co-PI neering T al Co-PI	\$7,511	14.29%	\$1,073
Voevodin, A., 0 GF40044 Eng Ma Voevodin, A., 0 GF40045 Eng Ma Voevodin, A., 0 GF40070 Eng Ma	Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials S gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mishra, R., Co-PI; Mukherjee, S., Co-PI; Material gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Research Is Science & Engineers Research Science & Engin	Northeastern University gineering; Nasrazadani, S., PI; Yu, C Northeastern University neering; Nasrazadani, S., Co-PI; Yu,	Feder E., Co-PI; Engin Feder	al Co-PI neering T al Co-PI	\$7,511 Fechnology; Zhar	14.29% ng, H., Co-PI; I	\$1,073 Mech
GF40044 Eng Ma Voevodin, A., 0 GF40045 Eng Ma Voevodin, A., 0 GF40070 Eng Ma	gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mishra, R., Co-PI; Mukherjee, S., Co-PI; Material gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Research Is Science & Engineers Research Science & Engin	Northeastern University gineering; Nasrazadani, S., PI; Yu, C Northeastern University neering; Nasrazadani, S., Co-PI; Yu,	Feder E., Co-PI; Engin Feder	al Co-PI neering T al Co-PI	\$7,511 Fechnology; Zhar	14.29% ng, H., Co-PI; I	\$1,073 Mech
Ma Voevodin, A., G GF40045 Eng Ma Voevodin, A., G GF40070 Eng Ma	aterials (EMMDEM): Tactical Shelters Co-PI; Mishra, R., Co-PI; Mukherjee, S., Co-PI; Material gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	ls Science & En Research Science & Engir	gineering; Nasrazadani, S., PI; Yu, C Northeastern University neering; Nasrazadani, S., Co-PI; Yu,	C., Co-PI; Engi Feder	neering T al Co-PI	Fechnology; Zhar	ng, H., Co-PI; l	Mech
GF40045 Eng Ma Voevodin, A., 0 GF40070 Eng Ma	gineered Materials and Materials Design of Engineered aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Research Science & Engir	Northeastern University neering; Nasrazadani, S., Co-PI; Yu,	Feder	al Co-PI		_	
Ma Voevodin, A., 0 GF40070 Eng Ma	aterials (EMMDEM): Tactical Shelters Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materials gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Science & Engir	neering; Nasrazadani, S., Co-PI; Yu,			\$1,251	14.29%	\$179
GF40070 Eng Ma	gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	_	_	C., Co-PI; Eng				
Ma	aterials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University		ıneering	Technology; Zha	ıng, H., Co-PI;	Mec
	Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materi		•	Feder	al Co-PI	\$46,265	5%	\$2,313
Voevodin, A., (als Science & E	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	ineering	Technology; Zha	ıng, H., Co-PI;	Mec
	gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$30,398	5%	\$1,520
Voevodin, A.,	Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materi	als Science & E	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	ineering	Technology; Zha	ıng, H., Co-PI;	Mec
	gineered Materials and Materials Design of Engineered aterials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$2,476	5%	\$124
	vo-dimensional nanostructured material processing and aracterization.	Research	US Army Research Laboratory	Feder	al PI	\$3,132	100%	\$3,132
	Totals for	Voevodin,Andrey	Aleksejevich					\$8,341
Xia,Zhenhai	i							
Xia, Z., PI; Ma	aterials Science & Engineering; Xia, Z., PI; Chemistry							
	nomanufacturing of High-Performance Graphene-Based talytic Electrodes for Renewable Energy Production	Research	National Science Foundation	Feder	al PI	\$6,690	80%	\$5,352
Xia, Z., Co-PI;	; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S., Co-	PI; Reidy III, R.,	Co-PI; Scharf, T., Co-PI; Young, M.	., Co-PI; Mater	ials Scie	nce & Engineerii	ng; Xia, Z., Co	-PI;
Dev	chnical Proposal for Advanced Ballistics Technology Materials evelopment, Characterization and Computational Modeling tivities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	al Co-PI	\$1,064,510	8%	\$85,161
Xia, Z., Co-PI;	; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI	; Du, J., Co-PI;	Mukherjee, S., Co-PI; Reidy III, R.,	Co-PI; Scharf,	T., Co-Pl	; Srivilliputhur,	S., Co-PI; You	ng,
Me	chnical Proposal for Advanced Ballistics Technology: A echanisms-based Approach to Designing Materials Systems for hanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$84,208	6.4%	\$5,389
	Totals for	Xia,Zhenhai						\$95,902
Young,Marc	cus Lynn							
Young, M., Co	o-PI; Materials Science & Engineering; Zhu, D., PI; Biom	edical Engineer	ing					
	ovel Surface-Modified Bioresorbable Zinc-Based Stent aterials	Research	National Institutes of Health	Feder	al Co-PI	\$30,974	10%	\$3,097

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	_	Recognition %	Recognition Amount
Young, M	., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukhe	erjee, S.,	Co-PI; Reidy III,	R., Co-PI; Scharf, T., Co-PI; Xia, Z.,	Co-PI; Mate	rials Sci	ence & Engineer	ring; Xia, Z., Co	-PI;
GF40018	Technical Proposal for Advanced Ballistics Technology M Development, Characterization and Computational Model Activities		Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-Pl	\$1,064,510	10%	\$106,451
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersor Technologies Development	nic	Research	Texas A & M Engineering Experimen Station	t Fede	ral PI	\$3,941	100%	\$3,941
GF70004	Processing Studies on NiTi-based High Temperature Shap Memory Alloys	pe	Research	National Aeronautics & Space Administration	Fede	ral PI	\$2,542	100%	\$2,542
Young, M	., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahoti	re, N., C	Co-PI; Du, J., Co-P	I; Mukherjee, S., Co-PI; Reidy III, R.,	. Co-PI; Sch	arf, T., C	o-PI; Srivilliput	thur, S., Co-PI;	Xia,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Syst Enhanced Dynamic Performance		Research	US Army Research Laboratory	Fede	ral Co-Pl	\$84,208	8%	\$6,737
Young, M	., PI; Reidy III, R., Co-PI; Materials Science & Engir	neering							
GP00006	Characterization of Superconducting Thin Film Materials		Research	Superconductor Technologies Inc.	Priva	ite PI	\$2,351	75%	\$1,763
GP00017	Characterization of Pb-based Batteries		Research	RSR Technologies, Inc.	Priva	ite PI	\$2,376	100%	\$2,376
	Tot	tals for	Young,Marcus Lyr	ın					\$126,908
	Tot	tals for	Materials Science &	& Engineering					\$1,245,710
Mechani	ical & Energy Engineering								
Choi,Ta	e-Youl								
GP50000	Development of a kW-Level Nanocomposites-Based Men Heat Pump	nbrane	Research	Korea Institute of Machinery & Mater (KIMM)	ials Priva	ite PI	\$23,379	100%	\$23,379
	Tot	tals for	Choi,Tae-Youl						\$23,379
Choi,Wo	onbong								
Choi, W.,	PI; Mechanical & Energy Engineering; Choi, W., PI	I; Mater	ials Science & Eng	ineering					
GF70039	Integrated Flexible Energy System based on Two-Dimens (2D) Materials	sional	Research	Asian Office of Aerospace Research a Development	nd Fede	ral PI	\$6,102	20%	\$1,220
	Tot	tals for	Choi, Wonbong						\$1,220
D'Souza	,Nandika Anne								
D'Souza,	N., Co-PI; Mechanical & Energy Engineering; Dixon	n, R., PI	; Azad, R., Co-PI;	Chen, F., Co-PI; Biological Sciences;	Azad, R., C	o-PI; Ma	thematics; Boya	l, R., Co-PI; Ted	acher
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin		Research	National Science Foundation	Fede	ral Co-Pl	\$15,659	8%	\$1,253

Project ID	Title	Category	Sponsor	Funding I Source (Expended This Period	Recognition %	Recognition Amount
D'Souza, I	N., PI; Mechanical & Energy Engineering; D'Souza, N., PI;	Materials Science &	& Engineering					
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	\$7,786	80%	\$6,229
	Totals for	D'Souza,Nandika A	nne					\$7,482
John,Ku	ruvilla							
GF2682	Novel Experimental Techniques, Size Effect, and Damage Evolution for Heterogeneous Materials	Research	Air Force Research Laboratory	Federal	PI	\$36,503	100%	\$36,503
GP20055	Air Quality Monitoring for Ozone in Corpus Christi	Research	Port Industries of Corpus Christi	Private	PI	\$1,703	100%	\$1,703
	Totals for	John,Kuruvilla						\$38,206
Shi,Shel	don Qiang							
Shi, S., PI	; Zhang, H., Co-PI; Mechanical & Energy Engineering							
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Federal	PI	\$11,771	50%	\$5,886
	Totals for	Shi,Sheldon Qiang						\$5,886
Zhang,H	laifeng							
GF1729	GOALI: Collaborative Research: Energy Harvesting Nanorods- Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control	Research	National Science Foundation	Federal	PI	\$2,761	100%	\$2,761
GF40036	Self-Powered Wireless Through-Wall Data Communication for Nuclear Environments	Research	Virginia Polytechnic Institute and Sta University	te Federal	PI	\$2,905	100%	\$2,905
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S.,	PI; Mishra, R., Co-	PI; Voevodin, A., Co-PI; Materials S	Science & Engi	neering	; Nasrazadani,	S., Co-PI; Yu, C	C., Co
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federal	Co-PI	\$7,511	14.29%	\$1,073
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Nasrazadani,	S., PI; Yu, C., Co-PI	; Engineering Technology; Mishra, I	R., Co-PI; Muk	herjee,	S., Co-PI; Voev	odin, A., Co-PI	; Mat
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federal	Co-PI	\$1,251	14.29%	\$179
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S.,	PI; Dahotre, N., Co	-PI; Voevodin, A., Co-PI; Materials	Science & Eng	ineerin	ıg; Nasrazadani	, S., Co-PI; Yu,	C., C
GF40070		Research	Northeastern University	Federal		\$46,265		\$6,940
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Nasrazadani,	S., PI; Yu, C., Co-PI	; Engineering Technology; Dahotre,	N., Co-PI; Mu	kherjee	e, S., Co-PI; Voe	evodin, A., Co-P	I; M
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federal	_			\$4,560

Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Zhang, H.	., Co-PI; Mechanical & Energy Engineering; Nas	srazadani, S	S., PI; Yu, C., Co-PI;	Engineering Technology; Dahotre,	N., Co-PI; M	lukherjee	, S., Co-PI; Vo	evodin, A., Co-P	PI; M
GF40072	Engineered Materials and Materials Design of Engine Materials (EMMDEM); Tactical Shelters; NU Year 2		Research	Northeastern University	Feder	al Co-PI	\$2,476	15%	\$371
GF4265	Self-Powered Wireless Dual-Mode Langasite Sensor / Temperature Monitoring of Nuclear Reactors	for Pressure	Research	Stony Brook University	Feder	al PI	\$4,330	100%	\$4,330
Zhang, H.	., Co-PI; Shi, S., PI; Mechanical & Energy Engin	eering							
GF70023	Real time gas monitoring with wireless high temperal for the pyrolysis process of biomass to improve the p efficiency		Research	U.S. Department of Agriculture	Feder	al Co-PI	\$11,771	50%	\$5,886
		Totals for	Zhang,Haifeng						\$29,005
		Totals for	Mechanical & Energy	y Engineering					\$105,178
		Totals for	College of Engineerin	g					\$1,521,488
College	of Health & Public Service								
Audiolog	gy & Speech - Language Pathology								
Schafer,	Erin Cheri								
GA00003	Autism Grant Program - Innovative Treatment Model	ls	Research	Texas Higher Education Coordinating Board	State	PI	\$10,882	100%	\$10,882
		Totals for	Schafer,Erin Cheri						\$10,882
		Totals for	Audiology & Speech	- Language Pathology					\$10,882
Behavio	r Analysis								
Ala'i-Ro	osales,Shahla S								
GP20038	ESATP UNT ABA Development and Training Collal	horation	Public Service	Easter Seals	Privat	e PI	\$4,925	100%	\$4,925
GI 20030	ESTIT ON TEST Development and Training Condi	Totals for	Ala'i-Rosales,Shahla		111740	. 11	Ψ+,223	10070	\$4,925
Smith,R	ichard G	Totals for	Tita i-Rosaics, Silama	S					Ψ+9,220
GS00019	Behavior Analysis Resource Center - Positive Behavi Management and Support Workshops	ior	Public Service	Texas Health and Human Services Commission	State	PI	\$0	100%	\$0
GS00022	Behavior Analysis Resource Center - Competency Ba	ased Training	g Public Service	Texas Health and Human Services Commission	State	PI	\$7,842	100%	\$7,842
		Totals for	Smith,Richard G						\$7,842
Vaidya,	Manish								

GS80003 I			Category	Sponsor	Source	Co-PI	This Period	%	Amount
	Pediatric Radiation Oncology with Movie Induced Se Effect PROMISE	dation	Research	University of Texas Southwestern Medi	cal State	PI	\$5,563	100%	\$5,563
		Totals for	Vaidya,Manish						\$5,563
		Totals for	Behavior Analysis						\$18,330
Communic	ication & Professional Programs - Genera	l							
Thomas,C	Cecilia Louise								
GF40094 1	IV-E University Training Program		Instruction	Texas Department of Family & Protecti Services	ve Feder	al PI	\$21,858	100%	\$21,858
		Totals for	Thomas,Cecilia Lou	ise					\$21,858
		Totals for	Communication & P	Professional Programs - General					\$21,858
Disability (& Addiction Rehabilitation								
Brooks,Je	essica Marie								
Brooks, J., (Co-PI; Catalano, D., PI; Disability & Addiction	ı Rehabilita	ution						
GF0618 I	Long-Term Training: Rehabilitation Counseling		Public Service	U.S. Department of Education	Feder	al Co-PI	\$57,091	50%	\$28,546
		Totals for	Brooks,Jessica Mari	e					\$28,546
Carey,Cha	andra Donnell								
Carey, C., C	Co-PI; Disability & Addiction Rehabilitation; W	Vilson, A., F	PI; Ceballos, P., Co-	PI; Counseling & Higher Education					
	Expanding Cultural and Linguistically Appropriate Se Integrated Care and Behavioral Health Settings	ervices into	Public Service	Health Resources & Service Administra	tion Feder	al Co-PI	\$10,632	25%	\$2,658
Carey, C., C	Co-PI; Disability & Addiction Rehabilitation; W	Vilson, A., F	PI; Counseling & Hig	gher Education					
	Cultural and Linguistic Awareness Support Services i Counseling (UNT-CLASSIC)	n	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	\$4,435	50%	\$2,218
		Totals for	Carey,Chandra Don	nell					\$4,875
Catalano,	Denise Ellen								
Catalano, D	D., PI; Brooks, J., Co-PI; Disability & Addiction	ı Rehabilite	ution						
GF0618 I	Long-Term Training: Rehabilitation Counseling		Public Service	U.S. Department of Education	Feder	al PI	\$57,091	50%	\$28,546
		Totals for	Catalano,Denise Elle	en					\$28,546
Holloway,	,Linda L								
GP6461 I	Hogg Foundation Recovery to Practice Training Prog	ram	Public Service	Hogg Foundation for Mental Health	Priva	te PI	\$2,938	100%	\$2,938
GS00008 I	DARS CRP Credentialing Project		Public Service	Texas Workforce Commission	State	PI	\$575	100%	\$575

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GS00023	DARS CRP Credentialing Project		Public Service	Texas Workforce Commission	State	PI	\$17,920	100%	\$17,920
		Totals for	Holloway,Linda L						\$21,433
		Totals for	Disability & Addic	tion Rehabilitation					\$83,399
Emergen	ncy Managementt & Disaster Science								
Siebenec	ek,Laura Kathryn								
GF30015	CRISP Type 2: Collaborative Research: Critical Tran Resilience and Recovery of Interdependent Social ar Networks		Research	National Science Foundation	Federa	al PI	\$14,804	100%	\$14,804
		Totals for	Siebeneck,Laura K	Cathryn					\$14,804
		Totals for	Emergency Manag	ementt & Disaster Science					\$14,804
Public A	dministration								
Andrew,	Simon								
Andrew, S	S., Co-PI; Public Administration; Namuduri, K.,	PI; Electric	al Engineering						
GF30005	EAGER: Networked Aerial Base Stations For Enabl Emergency Communications During Disaster Recov		Research	National Science Foundation	Federa	al Co-PI	\$10,822	50%	\$5,411
		Totals for	Andrew,Simon						\$5,411
Dash,Nic	cole								
Dash, N.,	Co-PI; Webb, G., PI; Public Administration								
GF1693	An Exploratory Study of Disaster Preparedness amo American Communities in the United States	ng Native	Research	National Science Foundation	Federa	al Co-PI	\$6,835	50%	\$3,418
		Totals for	Dash,Nicole						\$3,418
Webb,G	ary R								
Webb, G.,	PI; Dash, N., Co-PI; Public Administration								
GF1693	An Exploratory Study of Disaster Preparedness amo American Communities in the United States	ng Native	Research	National Science Foundation	Federa	al PI	\$6,835	50%	\$3,418
		Totals for	Webb,Gary R						\$3,418
			Public Administrat						\$12,246
~ n	07.0	Totals for	College of Health &	& Public Service					\$161,520
_	of Information								
Informat	tion Science								
	r,Yvonne J								
Chandler,	Y., PI; Information Science; Halbert, M., OTHI	ER; Univers	ity Library - Genero	al					
GF2694	Library Education for the US-Affiliated Pacific: A P Strengthen the Digital Future of the Pacific (LEAP I		Instruction	Institute of Museum and Library Service	ces Federa	al PI	\$7,489	75%	\$5,617
Office o	f Grants and Contracts Administration, Uni	versity of	North Texas				Expenditu	res, September FY	2019: Page 23 of 4

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Chandler, Yvonne J	ſ					\$5,617
Hawamo	leh,Suliman M							
Hawamde	h, S., Co-PI; Information Science; Dantu, R., PI; Computer	Science & Enginee	ring; Kim, D., Co-PI; Information	Technology & I	Decision S	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral Co-PI	-\$4,541	25%	(\$1,135)
Hawamde	h, S., Co-PI; Information Science; Dantu, R., PI; Computer	Science & Enginee	ring; Kim, D., Co-PI; Information	Technology & I	Decision :	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral Co-PI	\$2,500	25%	\$625
	Totals for	Hawamdeh,Sulima	n M					(\$510)
	Totals for	Information Science	e					\$5,106
Learning	Technologies							
Christen	sen,Rhonda R							
	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	0	National Science Foundation	Feder	ral Co-PI	\$10,428	33%	\$3,441
Christense	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Feder	ral Co-PI	\$9,825	33%	\$3,242
Christense	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	University of Hawaii	Priva	te Co-PI	\$8,500	33%	\$2,805
	Totals for	Christensen,Rhond	a R					\$9,488
Knezek,	Gerald							
Knezek, G	., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Feder	ral PI	\$10,428	34%	\$3,545
Knezek, G	., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Feder	ral PI	\$9,825	34%	\$3,340
Knezek, G	., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	University of Hawaii	Priva	ite PI	\$8,500	34%	\$2,890
	Totals for	Knezek,Gerald						\$9,776
Tyler-W	ood,Tandra L							
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Feder	ral Co-PI	\$10,428	33%	\$3,441

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co	o-PI; Learn	ing Technologies						
GF70011	NASA STEM Research		Research	National Aeronautics & Space Administration	Federa	d Co-PI	\$9,825	33%	\$3,242
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., C	o-PI; Learn	ing Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fosterin and Relevance through Science and Technology)	g Inspiration	Research	University of Hawaii	Privat	e Co-PI	\$8,500	33%	\$2,805
		Totals for	Tyler-Wood,Tandra	L					\$9,488
		Totals for	Learning Technolog	ies					\$28,752
Linguisti	ics								
Chelliah	,Shobhana L								
GF30014	Dene/Athabaskan Language Conference and Worksh	op 2017	Research	National Science Foundation	Federa	al PI	\$22	100%	\$22
Chelliah,	S., PI; Linguistics; King, K., Co-PI; Meernik, J.,	Co-PI; Poi	litical Science						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Federa	ıl PI	\$600	50%	\$300
		Totals for	Chelliah,Shobhana I						\$322
		Totals for	Linguistics						\$322
		Totals for	College of Informati	on					\$34,180
Economi	of Liberal Arts & Social Sciences ics Michael Charles								
,	1., Co-PI; Economics; Nowicki, D., PI; Engineer	ing Techno	logy; Nowicki, D., P.	I; Bomba, M., Co-PI; Marketing &	Logistics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AM SURFACE TRANSPORTATION ACT AND THE E TRADE ADVISORY COMMITTEE	IERICA'S	Research	Texas Department of Transportation	_	al Co-PI	\$36,001	0%	\$0
		Totals for	Carroll,Michael Cha	arles					\$0
		Totals for	Economics						\$0
Geograp	hy								
	T 1.D								
Oppong,	Joseph K								
	Joseph K I., Co-PI; Geography; Ishiyama, J., PI; Political	Science							
Oppong, J			Research	National Science Foundation	Federa	al Co-PI	-\$28,933	50%	(\$14,466)
Oppong, J	I., Co-PI; Geography; Ishiyama, J., PI; Political		Research Oppong,Joseph R	National Science Foundation	Federa	al Co-PI	-\$28,933	50%	(\$14,466) (\$14,466)
Oppong, J GF30019	I., Co-PI; Geography; Ishiyama, J., PI; Political	ace Science		National Science Foundation	Federa	d Co-PI	-\$28,933	50%	
Oppong, J GF30019	I., Co-PI; Geography; Ishiyama, J., PI; Political NSF REU program on Conflict Management and Pea	Totals for		National Science Foundation National Science Foundation	Federa Federa		-\$28,933 \$7,919		

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Ponette,Alexandra G	isela					\$7,919
Tiwari,C	Chetan							
Tiwari, C.	., Co-PI; Geography; Mikler, A., PI; Ramisetty-Mikler, S.,	Co-PI; Computer Scien	nce & Engineering; O'Neill II, M	M., Co-PI; Instit	ute for Ap	plied Sciences		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Fede	ral Co-PI	\$13,876	25%	\$3,469
	Totals for	Tiwari,Chetan						\$3,469
Williams	s,Harry F L							
GP20025	Echoes of Typhoons Past: Unearthing geological evidence of ancient typhoons on the coast of Vietnam.	Research	National Geographic Society	Priva	ate PI	\$1,122	100%	\$1,122
	Totals for	Williams,Harry F L						\$1,122
	Totals for	Geography						(\$1,956)
Philosop	hy & Religion Studies							
Rozzi,Ri	icardo							
-	Co-PI; Philosophy & Religion Studies; Kennedy, J., PI; Jii	menez. J Co-PI: Biolo	ogical Sciences: Jimenez, J., Co-	-PI: Mathematic	2.5			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests		National Science Foundation		ral Co-PI	\$2,006	33%	\$662
	Totals for	Rozzi,Ricardo						\$662
	Totals for	Philosophy & Religio	on Studies					\$662
Political	Science							
Hensel,P	Paul Richard							
GF2707	Identity Claims: Expanding the Issue Correlates of War (ICOW) Dataset	Research	U.S. Office of Naval Research	Fede	ral PI	-\$130	100%	(\$130)
	Totals for	Hensel,Paul Richard						(\$130)
Ishiyama	a,John T.							
Ishiyama,	J., PI; Political Science; Oppong, J., Co-PI; Geography							
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Fede	ral PI	-\$28,933	50%	(\$14,466)
	Totals for	Ishiyama,John T.						(\$14,466)
King,Ki	mi Lynn							
King, K.,	Co-PI; Meernik, J., Co-PI; Political Science; Chelliah, S.,	PI; Linguistics						
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Fede	ral Co-PI	\$600	25%	\$150
	Totals for	King,Kimi Lynn						\$150
Meernik	x,James David							
Meernik	x,James David							

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Meernik, J	I., Co-PI; King, K., Co-PI; Political Science; Ch	elliah, S., F	PI; Linguistics						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Feder	al Co-PI	\$600	25%	\$150
		Totals for	Meernik, James David Political Science	l					\$150 (\$14.207)
Psycholo	av.	Totals for	Fontical Science						(\$14,297)
Blument	hal,Heidemarie								
GF00005	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Adol		Research	National Institutes of Health	Feder	al PI	\$5,053	100%	\$5,053
Blumenthe	al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-P.	I; Psycholog	gy						
GF00006	A Controlled Test of Interpersonal Rejection, Social Alcohol Use among Female Adolescents	Anxiety, and	Research	National Institutes of Health	Feder	al PI	\$3,063	80%	\$2,451
		Totals for	Blumenthal, Heidema	rie					\$7,503
Hook,Jo	shua Nord								
GP20015	Building a Bridge Between Psychology and Church	Ministry	Research	John Templeton Foundation	Priva	e PI	-\$2,292	100%	(\$2,292)
GP6499	Acts of God: The Effect of Natural Disasters on God Representations via Meaning Making		Research	Wheaton College	Privat	e PI	\$1,993	100%	\$1,993
		Totals for	Hook,Joshua Nord						(\$299)
= :	mberly S								
Kelly, K., GF00003	Co-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psyc Sleep and Vaccine Response in Nurses (SAV-RN)	chology	Research	National Institutes of Health	Fadar	al Co-PI	\$9,650	40%	\$3,860
		ole ol o ou	Research	rvational institutes of Treatm	reder	ar co-rr	\$7,030	4070	ψ3,000
GF00004	Co-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psyc Sleep and Vaccine Response in Nurses (SAV-RN)	rnotogy	Research	National Institutes of Health	Feder	al Co-PI	\$21,133	40%	\$8,453
	,	Totals for	Kelly,Kimberly S				, ,		\$12,313
Ruggero	,Camilo								
Ruggero,	C., Co-PI; Taylor, D., PI; Kelly, K., Co-PI; Psyc	chology							
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)		Research	National Institutes of Health	Feder	al Co-PI	\$9,650	20%	\$1,930
	C., Co-PI; Taylor, D., PI; Kelly, K., Co-PI; Psyc	chology					***	•	*
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)		Research	National Institutes of Health	Feder	al Co-PI	\$21,133	20%	\$4,227
Ruggero, GF00006	C., Co-PI; Blumenthal, H., PI; Taylor, D., Co-P. A Controlled Test of Interpersonal Rejection, Social Alcohol Use among Female Adolescents	-		National Institutes of Health	Feder	al Co-PI	\$3,063	5%	\$153
	Theorem one among I challe I Molescents	Totals for	Ruggero,Camilo						\$6,310

Project ID	Title	(Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Taylor,I	Daniel				_				
Taylor, D	., PI; Kelly, K., Co-PI; Ruggero, C., Co-PI; Psycholog	ogy							
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)		Research	National Institutes of Health	Feder	al PI	\$9,650	40%	\$3,860
Taylor, D	., PI; Kelly, K., Co-PI; Ruggero, C., Co-PI; Psycholog	ogy							
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)		Research	National Institutes of Health	Feder	al PI	\$21,133	40%	\$8,453
Taylor, D	., Co-PI; Blumenthal, H., PI; Ruggero, C., Co-PI; Psy	sychology							
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxie Alcohol Use among Female Adolescents	iety, and	Research	National Institutes of Health	Feder	al Co-PI	\$3,063	15%	\$459
GF4287	CAP-Treatment of Comorbid Sleep Disorders and PTSD		Research	University of Texas Health Science Cer at San Antonio	nter Feder	al PI	\$6,966	100%	\$6,966
GF70026	Web-Based Provider Training for Cognitive Behavioral Tr of Insomnia (CBTi)	Therapy	Research	U.S. Department of Defense- CDMRP	Feder	al PI	\$9,331	100%	\$9,331
	Tota	tals for 1	Taylor,Daniel						\$29,070
	Tota	tals for P	Psychology						\$54,897
Technic	al Communication								
Boettgei	-;Ryan K								
Boettger,	R., PI; Technical Communication; Hoeinghaus, D., C	Co-PI; Bio	ological Sciences;	Ludi, S., Co-PI; Computer Science &	Engineerin	g			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach Teaching Technical Writing to STEM Majors	ach to	Research	National Science Foundation	Feder	al PI	\$5,826	56%	\$3,262
	Tota	tals for B	Boettger,Ryan K						\$3,262
Montler	Timothy Robert,								
GF70001	Saanich (str-saa) Texts and Grammar		Research	National Endowment for the Humanitie	s Feder	al PI	\$4,050	100%	\$4,050
01 / 0001		tals for N	Montler,Timothy R				Ψ 1,020	10070	\$4,050
	Tota		Technical Commun						\$7,312
	Tota	tals for (College of Liberal A	Arts & Social Sciences					\$46,619
	of Merchandising, Hospitality & Tourism								
	General								
Pookula	ngara,Sanjukta Arun								
GF40009	A Multi-Dimensional Approach to Meet 21st Century Reta Education and Industry Challenges for India and the US	tailing	Instruction	Iowa State University	Feder	al PI	\$762	100%	\$762
	· · · · · · · · · · · · · · · · · · ·								
	Tota	tals for P	Pookulangara,Sanji	ukta Arun					\$762

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	CMHT - General						\$762
Merchar	ndising & Digital Retailing							
Kim,JiY	oung							
Kim, J., P	I; Xu, B., Co-PI; Merchandising & Digital Retailing							
GP20050	Cotton on the Move	Instruction	Cotton Incorporated	Privat	e PI	\$74	90%	\$66
	Totals for	Kim,JiYoung						\$66
Xu,Buga	10							
GF70036	Feasibility Study That Examines the Potential for Using Laser-Scattering as a Detection Mechanism	Research	Agriculture Research Service	Feder	al PI	\$3,175	100%	\$3,175
GP20047	Dual-beard Fibrography for Cotton Length Distribution Measurement	Research	Cotton Incorporated	Privat	e PI	\$1,982	100%	\$1,982
Хи, В., С	o-PI; Kim, J., PI; Merchandising & Digital Retailing							
GP20050	Cotton on the Move	Instruction	Cotton Incorporated	Privat	e Co-PI	\$74	10%	\$7
	Totals for	Xu,Bugao						\$5,164
	Totals for	Merchandising & D	igital Retailing					\$5,230
	Totals for	College of Merchan	dising, Hospitality & Tourism					\$5,993
Advance	of Science d Environmental Research y,James H							
GP40012	Surveillance of Mosquitoes and Arboviruses Including West Nil Virus in the City of Denton during the 2018 Mosquito Season	e Research	City of Denton	Privat	e PI	\$296	100%	\$296
	Totals for	Kennedy, James H						\$296
	Totals for	Advanced Environn	nental Research					\$296
Biologic	al Sciences							
Alonso,	Ana paula							
GF40090	Collaborative Research : Dimensions : Secondary Metabolites as Drivers of Fungal Endophyte Community Diversity	s Research	The Ohio State University	Feder	nl PI	\$7,327	100%	\$7,327
GF70041	Development of Resources and Tools to Improve Oil Content an Quality in Pennycress	d Research	U.S. Department of Energy	Feder	al PI	\$12,668	100%	\$12,668

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
GP10003	Developing and Characterizing Soybean Cultivars With Increased Oil While Maintaining Protein and Yield	Research	The Ohio State University	Private PI	\$10,419	100%	\$10,419
	Totals for	Alonso,Ana paula					\$30,413
Atkinso	n,Samuel F						
G70933	Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas	Research	City of Austin	Private PI	\$938	100%	\$938
GF40064	Aquatic Vegetation Monitoring and Management, Lamar Lake, Lake Neff, and LeMoore Lake, Camp Maxey, TX	Research	Texas Adjutant Generals Department	Federal PI	\$9,674	100%	\$9,674
GP40007	Ecosystem Management of Big Spring, Dallas, Texas	Research	City of Dallas	Private PI	-\$69	100%	(\$69)
	Totals for	Atkinson,Samuel F	•				\$10,543
Ayre,Br	ian G						
GF1748	Unraveling the Link Between Carbohydrate Transport and Phosphate Use: Can We Improve Carbon Partitioning and Reduce Nutrient Use?	Research	National Science Foundation	Federal PI	\$7,286	100%	\$7,286
Ayre, B.,	PI; McGarry, R., Co-PI; Biological Sciences						
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private PI	\$3,916	50%	\$1,958
GP6458	Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum	Research	United Sorghum Checkoff	Private PI	-\$167	100%	(\$167)
	Totals for	Ayre,Brian G					\$9,077
,	njeev Kumar						
Azad, R., GF00001	Co-PI; Padilla, P., PI; Biological Sciences; Azad, R., Co-PI, Molecular Consequences of Glucose Diet and Altered Ceramide	; Mathematics Research	National Institutes of Health	Federal Co-P	I \$3,209	24%	\$770
GF00001	Species Impacting Oxygen Deprivation Responses	Research	National institutes of Health	rederai Co-r	\$5,209	24%	\$770
Azad, R.,	Co-PI; Jagadeeswaran, P., PI; Biological Sciences; Azad, R	., Co-PI; Mathemati	cs				
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal Co-P	\$2,768	6%	\$166
Azad, R.,	Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biological Scienc	es; Azad, R., Co-PI;	Mathematics				
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Federal Co-P.	I \$209	17.4%	\$36

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Azad, R., (Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biological Sciences;	Azad, R., Co-PI; Ma	thematics; Boyd, R., Co-PI; Teacher	Education	& Admin	istration; D'Sou	ıza, N., Co-PI; N	1ateri
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,659	6%	\$940
Azad, R.,	Co-PI; Mittler, R., PI; Biological Sciences; Azad, R., Co-PI;	Mathematics						
GF30010	NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Feder	ral Co-PI	\$53	12%	\$6
	Totals for	Azad,Rajeev Kumar						\$1,918
	n,Warren W							
Burggren,	W., PI; Padilla, P., Co-PI; Biological Sciences							
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	National Science Foundation	Fede	ral PI	\$7,284	60%	\$4,371
Burggren,	W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Mager,	E., Co-PI; Biological	Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medici	ine Priva	te Co-PI	\$10,747	25%	\$2,687
	Totals for	Burggren,Warren W						\$7,057
Chapma	n,Kent D							
GF10502	Engineering Lipid Droplets for Increasing Oil Content and Abiotic Stress Tolerance of Plants	Research	Agriculture Research Service	Feder	ral PI	\$5,110	100%	\$5,110
GF1691	CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development	Research	National Science Foundation	Fede	ral PI	\$7,850	100%	\$7,850
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Fede	ral PI	\$14,941	100%	\$14,941
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Feder	ral PI	\$240	100%	\$240
GP00030	Embryogenic Cell Culture Screening System for Herbicide Tolerance	Research	BASF Plant Science, LP	Priva	te PI	\$8,699	100%	\$8,699
GP20045	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein	Research	Cotton Incorporated	Priva	te PI	\$4,638	100%	\$4,638
	Totals for	Chapman,Kent D						\$41,479
Chen,Fa	ng							
Chen, F.,	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biological Sciences;	Azad, R., Co-PI; Mai	thematics; Boyd, R., Co-PI; Teacher	Education	& Admin	istration; D'Sou	ıza, N., Co-PI; M	1ateri
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,659	25%	\$3,915

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation:Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	al Co-PI	\$19,401	50%	\$9,700
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF4183	Bioenergy Sciences Center	Research	UT-Battelle, LLC	Feder	al Co-PI	-\$288	50%	(\$144)
	Totals for	Chen,Fang						\$13,471
Crossley	y II,Dane Alan							
Crossley	II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Mager,	E., Co-PI; Biologica	d Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medic	eine Priva	te Co-PI	\$10,747	25%	\$2,687
	Totals for	Crossley II,Dane Ala	an					\$2,687
Dickstei	in,Rebecca							
GF40073	Research-PGR: Functional genomics of beneficial legume- microbe interactions	Research	Samuel Roberts Noble Foundation, Inc	. Feder	al PI	\$546	100%	\$546
	Totals for	Dickstein,Rebecca						\$546
Dixon,R	Richard Arthur							
Dixon, R.	., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences	; Azad, R., Co-PI; Ma	athematics; Boyd, R., Co-PI; Teacher	Education	& Admini	stration; D'Sou	za, N., Co-PI; N	<i>lateri</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al PI	\$15,659	45%	\$7,046
Dixon, R.	., PI; Chen, F., Co-PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation:Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	al PI	\$19,401	50%	\$9,700
Dixon, R.	., PI; Chen, F., Co-PI; Biological Sciences							
GF4183	Bioenergy Sciences Center	Research	UT-Battelle, LLC	Feder	al PI	-\$288	50%	(\$144)
GF4293	Botanicals Dietary Supplement Research Center- Dietary Polyphenols in the Preservation and Promotion of Cognitive Wellness and Psychological Resiliency	Research	Mount Sinai School of Medicine	Feder	al PI	\$12,486	100%	\$12,486
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Priva	te PI	\$8,744	100%	\$8,744
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Priva	te PI	\$10,567	100%	\$10,567
	Totals for	Dixon,Richard Arth	ur					\$48,400
Hoeingh	naus,David Joseph							

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Hoeingha	uus, D., Co-PI; Biological Sciences; Boettger, R., PI; Techni	cal Communication;	Ludi, S., Co-PI; Computer Science	e & Engineerii	ıg			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Fede	ral Co-PI	\$5,826	22%	\$1,282
	Totals for	Hoeinghaus,David J	Joseph					\$1,282
Hughes,	Lee E							
Hughes, 1	L., PI; Padilla, P., Co-PI; Biological Sciences							
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Fede	ral PI	\$17,533	66.67%	\$11,689
	Totals for	Hughes,Lee E						\$11,689
Jagadee	eswaran,Pudur							
Jagadees	waran, P., PI; Azad, R., Co-PI; Biological Sciences; Azad, I	R., Co-PI; Mathemat	ics					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Fede	ral PI	\$2,768	90%	\$2,491
	Totals for	Jagadeeswaran,Pud	lur					\$2,491
Jimenez	z,Jaime Enrique							
Jimenez,	J., Co-PI; Kennedy, J., PI; Biological Sciences; Jimenez, J.,	Co-PI; Mathematics	s; Rozzi, R., Co-PI; Philosophy & I	Religion Studie	S			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Fede	ral Co-PI	\$2,006	27.2%	\$546
	Totals for	Jimenez,Jaime Enri	que					\$546
Kenned	y,James H							
Kennedy,	J., PI; Jimenez, J., Co-PI; Biological Sciences; Jimenez, J.,	Co-PI; Mathematics	s; Rozzi, R., Co-PI; Philosophy & I	Religion Studie	'S			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Fede	ral PI	\$2,006	33%	\$662
GF40024	Aquatic herpetofaunal and Macroinvertebrate Inventory of Camp Maxey in North-East Texas	Research	Texas Adjutant Generals Departmen	nt Fede	ral PI	\$7,184	100%	\$7,184
	Totals for	Kennedy,James H						\$7,846
Longo,A	Antonella							
Longo, A.	., Co-PI; Wang, X., PI; Biological Sciences							
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	National Institutes of Health	Fede	ral Co-PI	\$6,131	20%	\$1,226
	Totals for	Longo,Antonella						\$1,226
Lund,A	mie Kathleen							
Lund, A.,	PI; Mcfarlin, B., Co-PI; Biological Sciences; Mcfarlin, B.,	Co-PI; Kinesiology,	Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Fede	ral PI	\$8,997	80%	\$7,198
	Totals for	Lund,Amie Kathlee	n					\$7,198
Mager,I	Edward Michael							

ID	Title	Category	Sponsor	Funding Source	PI/ Co-PI	Expended This Period	Recognition %	Recognition Amount
Mager, E	., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D	, Co-PI; Biologic	cal Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Med	dicine Private	Co-PI	\$10,747	25%	\$2,687
	Totals for	Mager,Edward M	ichael					\$2,687
Mcfarlir	n,Brian Keith							
Mcfarlin,	B., Co-PI; Lund, A., PI; Biological Sciences; Mcfarlin, B., Co	-PI; Kinesiology	, Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federa	Co-PI	\$8,997	2%	\$180
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, He	alth Promotion, a	& Recreation					
GP00002	The Effect of 30 Days of Megasporebiotic Supplementation on Post-Prandial Responses to a High-Fat Meal	Research	Physicians Exclusive, LLC	Private	PI	\$2,227	10%	\$223
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Olson, R., Co-PI; Vingren, J.	., Co-PI; Kinesi	ology, E	Iealth Promotio	n, & Recreation	<u> </u>
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post- prandial responses to a high-fat meal?	Research	Physicians Exclusive, LLC	Private		\$283	6.5%	\$18
	Totals for	Mcfarlin,Brian Ke	eith					\$421
McGarr	ry,Roisin Carrie							
McGarry,	R., Co-PI; Ayre, B., PI; Biological Sciences							
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	Co-PI	\$3,916	50%	\$1,958
	Totals for	McGarry,Roisin C	Carrie					\$1,958
Mittler,	Ron							
Mittler, R	a., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biological Science	s; Azad, R., Co-P	I; Mathematics					
CE1 (01	Ultrafast Omics Reveals Key Players in the Response of Plants to	Research	National Science Foundation	Federa	PI	\$209	42%	\$88
GF1081	Abiotic Stress							
GF1681 Mittler, R	* *	Mathematics						
	Abiotic Stress	Mathematics Research	National Science Foundation	Federa	PI	\$53	80%	\$43
Mittler, R	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; I NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells		National Science Foundation	Federa	. PI	\$53	80%	\$43 \$130
Mittler, R GF30010	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; I NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Federa	. PI	\$53	80%	
Mittler, R GF30010 Padilla,l	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; I NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells Totals for	Research Mittler,Ron	National Science Foundation	Federa	. PI	\$53	80%	
Mittler, R GF30010 Padilla,l	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; In NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells Totals for Pamela A	Research Mittler,Ron	National Science Foundation National Institutes of Health	Federa Federa		\$53 \$3,209	80% 60%	
Mittler, R GF30010 Padilla,l Padilla, F GF00001	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Il NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells Totals for Pamela A 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Molecular Consequences of Glucose Diet and Altered Ceramide	Research Mittler,Ron Mathematics						\$130
Mittler, R GF30010 Padilla,l Padilla, F GF00001 Padilla, F	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Il NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells Totals for Pamela A 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research Mittler,Ron Mathematics		Federa				\$130
Mittler, R GF30010 Padilla, J Padilla, F GF00001 Padilla, F GF1673	Abiotic Stress 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; I NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells Totals for Pamela A 2., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses 2., Co-PI; Hughes, L., PI; Biological Sciences	Research Mittler,Ron Mathematics Research	National Institutes of Health	Federa	. PI	\$3,209	60%	\$130 \$1,925

Project ID	Title	Category	C	Source		Expended This Period	Recognition %	Recognition Amount
GF30004	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Feder	al PI	\$8,808	100%	\$8,808
		Padilla,Pamela A						\$19,491
Roberts,	Aaron Patrick							
Roberts, A	A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Mager,	E., Co-PI; Biologica	al Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medicin	ne Privat	e PI	\$10,747	25%	\$2,687
	Totals for	Roberts, Aaron Patr	ick					\$2,687
Shah,Jyo	oti							
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Feder	al PI	\$2,936	100%	\$2,936
	Totals for	Shah,Jyoti						\$2,936
Shulaev,	Vladimir							
Shulaev, V	V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biological Science	ces; Azad, R., Co-PI,	Mathematics					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Feder	al Co-PI	\$209	29%	\$60
	Totals for	Shulaev,Vladimir						\$60
Thomps	on,Ruthanne							
GP7624	The Dallas Environmental Education Initiative	Instruction	City of Dallas	Privat	e PI	\$31,540	100%	\$31,540
	Totals for	Thompson, Ruthann	e					\$31,540
Verbeck	IV,Guido Fridolin							
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistr	y						
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NexGen Aquaculture Vancouver Island I	Inc. Privat	e PI	\$3,713	30%	\$1,114
	Totals for	Verbeck IV,Guido I	Fridolin					\$1,114
Vingren	Jakob Langberg							
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.	., PI; Bowman, E., C	Co-PI; Olson, R., Co-PI; Vingren, J., Co	o-PI; Kine.	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post prandial responses to a high-fat meal?	- Research	Physicians Exclusive, LLC	Privat	e Co-PI	\$283	1.5%	\$4
	Totals for	Vingren,Jakob Lan	gberg					\$4
Wang,X	iaoqiang							
Wang, X.,	PI; Longo, A., Co-PI; Biological Sciences							
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	National Institutes of Health	Feder	al PI	\$6,131	80%	\$4,905
	Totals for	Wang,Xiaoqiang						\$4,905
	Totals for	Biological Sciences						\$265,803

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Chemist	עי							
Bagus,P	aul S							
GF2706	Molecular Mechanisms of Interfacial Reactivity in Near Surface and Extreme Geochemical Environments - Core Level Spectroscoples	Research	Pacific Northwest National Laboratory	y Feder	al PI	\$2,921	100%	\$2,921
	Totals for	Bagus,Paul S						\$2,921
Buongio	rno Nardelli,Marco							
Buongior	no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., Pi	; Physics						
GF40082	AFRL Collaboration Program - Materials and Manufacturing Research	Research	Clarkson Aerospace Corp	Feder	al PI	\$7,001	20%	\$1,400
Buongior	no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., Pi	; Physics						
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Research	Duke University	Feder	al PI	\$29,340	20%	\$5,868
	Totals for	Buongiorno Naro	delli,Marco					\$7,268
Cisneros	s,Gerardo Andres							
GF00002	Theory and Simulation of DNA Repair Enzymes; Mechanism, Structure and Function	Research	National Institutes of Health	Feder	al PI	\$18,174	100%	\$18,174
GF50001	The Mechanism and Modulation of 5-Methylcytosine Oxidation by TET Family Enzymes	Research	University of Pennsylvania	Feder	al PI	\$2,939	100%	\$2,939
	Totals for	Cisneros,Gerard	o Andres					\$21,113
Cundari	,Thomas Richard							
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	U.S. Department of Energy	Feder	al PI	\$22,951	100%	\$22,951
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	National Science Foundation	Feder	al PI	\$8,395	100%	\$8,395
GP00032	Analysis of Counterion Effects in Catalysis	Research	Exxon Mobil	Privat	e PI	\$4,322	100%	\$4,322
GP20020	Activation of Light Alkanes by Earth-Abundant Metal-Oxo Catalysts	Research	American Chemical Society	Privat	e PI	\$15,491	100%	\$15,491
	Totals for	Cundari, Thomas	s Richard					\$51,159
D'souza	Francis							
0.00	of Grants and Contracts Administration University of	VI 4 T				F 1:4.	C	72019: Page 36 of 4

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
D'souza,	F., PI; Chemistry; D'souza, F., PI; Materials Science & Eng	ineering						
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	National Science Foundation	Federa	l PI	\$1,652	80%	\$1,322
D'souza,	F., Co-PI; Wang, H., PI; Chemistry; D'souza, F., Co-PI; Ma	terials Science & E	Engineering					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSO	C Research	U.S. Department of Energy	Federa	l Co-PI	\$699	32%	\$224
	Totals for	D'souza,Francis						\$1,545
Kelber,	Jeffry A							
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research	Defense Threat Reduction Agency	Federa	l PI	\$20,969	100%	\$20,969
	Totals for	Kelber,Jeffry A						\$20,969
Omary,	Mohammad A							
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	e PI	\$3,805	100%	\$3,805
	Totals for	Omary,Mohamma	d A					\$3,805
Richmo	nd,Michael George							
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Private	e PI	\$194	100%	\$194
	Totals for	Richmond, Michae	l George					\$194
Slaughte	er III,Legrande Mancel							
GF1721	REU Site: Undergraduate Research Opportunities at the Interface of Computational and Experimental Chemistry at the University of North Texas	Research	National Science Foundation	Federa	l PI	-\$4,281	100%	(\$4,281)
	Totals for	Slaughter III,Legr	ande Mancel					(\$4,281)
Verbeck	x IV,Guido Fridolin							
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	?S						
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NexGen Aquaculture Vancouver Island	l Inc. Private	e PI	\$3,713	70%	\$2,599
	Totals for	Verbeck IV,Guido	Fridolin					\$2,599
Wang,H	5							
Ü	, PI; D'souza, F., Co-PI; Chemistry; D'souza, F., Co-PI; Ma							
GF70013	Extended Porphyrins: Functionalization and Applications in DSSO		U.S. Department of Energy	Federa	l PI	\$699	60%	\$419
***		Wang,Hong						\$419
Xia,Zhe	nhai							

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Xia, Z., P.	I; Chemistry; Xia, Z., PI; Materials Science & En	gineering							
GF1684	Nanomanufacturing of High-Performance Graphene-E Catalytic Electrodes for Renewable Energy Production		Research	National Science Foundation	Fede	ral PI	\$6,690	20%	\$1,338
Xia, Z., C	o-PI; Chemistry; Mishra, R., PI; Banerjee, R., Co	-PI; Mukh	erjee, S., Co-PI; Rei	idy III, R., Co-PI; Scharf, T., Co-PI;	Xia, Z., Co-I	PI; Young	, M., Co-PI; Ma	aterials Science	& En
GF40018	Technical Proposal for Advanced Ballistics Technolog Development, Characterization and Computational Me Activities		Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$1,064,510	2%	\$21,290
Xia, Z., C	o-PI; Verbeck IV, G., Co-PI; Chemistry; Mishra,	R., PI; Bai	nerjee, R., Co-PI; De	ahotre, N., Co-PI; Du, J., Co-PI; Mı	ukherjee, S., (Co-PI; Re	eidy III, R., Co-l	PI; Scharf, T., C	o-PI;
GF70037	Technical Proposal for Advanced Ballistics Technolog Mechanisms-based Approach to Designing Materials Enhanced Dynamic Performance		Research	US Army Research Laboratory	Feder	ral Co-PI	\$84,208	1.6%	\$1,347
		Totals for	Xia,Zhenhai						\$23,975
		Totals for	Chemistry						\$131,688
Institute	for Applied Sciences								
O'Neill l	II,Martin Joseph								
	, M., Co-PI; Institute for Applied Sciences; Mikler	r, A., PI; R	amisetty-Mikler, S.,	Co-PI; Computer Science & Engine	ering; Tiwari	, C., Co-l	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Res Planning		Research	National Institutes of Health	_	ral Co-PI	\$13,876	25%	\$3,469
O'Neill II,	, M., PI; Institute for Applied Sciences; Mikler, A.	, Co-PI; C	omputer Science & I	Engineering					
GF40069	Los Angeles County Department of Public Health Em Preparedness and Response Program	nergency	Public Service	Los Angeles County	Fede	ral PI	\$4,282	50%	\$2,141
O'Neill II,	, M., Co-PI; Institute for Applied Sciences; Mikler	r, A., PI; C	omputer Science & I	Engineering					
GF40080	Development and Deployment of Computational Meth Facilitate Response Planning for POD Placement and of Medical Counter Measures From Regional RSS Sit in Texas DSHS Region 6/5S	Distribution	Research	Texas Department of State Health Ser	rvice Fede	ral Co-PI	\$745	50%	\$373
		Totals for	O'Neill II,Martin Jo	oseph					\$5,983
		Totals for	Institute for Applied	d Sciences					\$5,983
Mathem	atics								
Azad.Ra	ajeev Kumar								
	Co-PI; Mathematics; Padilla, P., PI; Azad, R., Co	o-PI; Biolo	gical Sciences						
GF00001	Molecular Consequences of Glucose Diet and Altered Species Impacting Oxygen Deprivation Responses		Research	National Institutes of Health	Fede	ral Co-PI	\$3,209	16%	\$513
Azad, R.,	Co-PI; Mathematics; Jagadeeswaran, P., PI; Aza	ıd, R., Co-I	PI; Biological Scienc	ces					

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Azad, R.,	Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Shi	ılaev, V., Co-PI; Biolo	ogical Sciences					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants Abiotic Stress	to Research	National Science Foundation	Feder	al Co-PI	\$209	11.6%	\$24
Azad, R.,	Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI; Che	n, F., Co-PI; Biologic	al Sciences; Boyd, R., Co-PI; Teach	her Education	& Admini	istration; D'Sou	za, N., Co-PI; M	<i>lateri</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$15,659	4%	\$626
Azad, R.,	Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Bid	ological Sciences						
GF30010	NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Feder	al Co-PI	\$53	8%	\$4
	Totals fo	or Azad,Rajeev Kuma	ar					\$1,279
Conley,	Charles H							
GP20008	Real-Analytic Automorphic Forms and Applications	Research	Simons Foundation	Privat	e PI	\$111	100%	\$111
	Totals fo	or Conley, Charles H						\$111
Jimenez	z,Jaime Enrique							
Jimenez,	J., Co-PI; Mathematics; Kennedy, J., PI; Jimenez, J., Co-	PI; Biological Science	es; Rozzi, R., Co-PI; Philosophy & I	Religion Studie	8			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integratio of Ecology and Biocultural Conservation in the World's Sounternmost Forests	n Research	National Science Foundation	Feder	al Co-PI	\$2,006	6.8%	\$136
	Totals fo	or Jimenez,Jaime Enr	rique					\$136
	Totals for	or Mathematics						\$1,526
Physics								
Buongio	orno Nardelli,Marco							
Buongior	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., Pi	; Chemistry						
GF40082	AFRL Collaboration Program - Materials and Manufacturing Research	Research	Clarkson Aerospace Corp	Feder	al PI	\$7,001	80%	\$5,600
Buongior	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., Pi	; Chemistry						
GF4193	Topological Decompositions and Spectral Sampling Algorithm for Element Substitution in Critical Technologies	s Research	Duke University	Feder	al PI	\$29,340	80%	\$23,472
	Totals fo	or Buongiorno Narde	lli,Marco					\$29,073
Glass,G	ary Alan							
GF50002	Estradiol Regulation of Hypothalamic Astrocyte Glycogen	Research	University of Louisiana at Monroe	Feder	al PI	\$5,349	100%	\$5,349
	Totals fo	or Glass,Gary Alan						\$5,349
Grigolin	ni,Paolo							

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research	Robert A. Welch Foundation	Private	e PI	\$5,790	100%	\$5,790
	Totals for	Grigolini,Paolo						\$5,790
Krokhin	,Arkadii							
Krokhin, A	A., Co-PI; Neogi, A., PI; Physics; Choi, T., Co-PI; Materials	Science & Enginee	ring					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federa	al Co-PI	\$17,619	30%	\$5,286
	Totals for	Krokhin,Arkadii						\$5,286
Lin,Yuai	nkun							
Lin, Y., PI	I; Physics; Lin, Y., PI; Electrical Engineering							
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federa	al PI	\$117	75%	\$88
Lin, Y., PI	I; Physics; Lin, Y., PI; Electrical Engineering							
GF4228	Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals	Research	University of Texas at San Antonio	Federa	al PI	-\$2,433	75%	(\$1,825)
	Totals for	Lin,Yuankun						(\$1,737)
Littler,C	Christopher Leslie							
Littler, C.,	, PI; Syllaios, A., Co-PI; Physics							
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Federa	al PI	\$6,401	50%	\$3,200
	Totals for	Littler,Christopher	Leslie					\$3,200
Neogi,Ar	rup							
Neogi, A.,	PI; Krokhin, A., Co-PI; Physics; Choi, T., Co-PI; Materials	Science & Enginee	ring					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federa	al PI	\$17,619	50%	\$8,809
	Totals for	Neogi,Arup						\$8,809
Ordonez	z,Carlos A							
GF1739	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	Research	National Science Foundation	Federa	al PI	\$5,636	100%	\$5,636
	Totals for	Ordonez,Carlos A						\$5,636
Quintani	illa,Sandra J							
GF30037	Theoretical Investigation of Low-Energy Positron and Positronium Collisions	Research	National Science Foundation	Federa	al PI	\$2,908	100%	\$2,908

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	Totals for	Quintanilla,Sandra J						\$2,908
Roberts,	James Andrew							
GF40057	Texas Regional Collaborative	Instruction	University of Texas at Austin	Feder	al PI	-\$4,376	100%	(\$4,376)
	Totals for	Roberts, James Andre	ew					(\$4,376)
Schultz,	David Robert							
GF4222	Energy Deposition in the Upper Atmosphere of Jupiter and Satu by Energetic Particles: The Polar Aurora	rn Research	University of Kansas Center for Resear	ch Feder	al PI	\$3,417	100%	\$3,417
	Totals for	Schultz,David Robert	t					\$3,417
Shemme	er,Ohad							
GF30048	Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey	Research	National Science Foundation	Feder	al PI	\$5,901	100%	\$5,901
	Totals for	Shemmer,Ohad						\$5,901
Shiner,E	David C	,						
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Research	National Science Foundation	Feder	al PI	\$4,214	100%	\$4,214
GP20041	A table-top magnetic resonance imaging (MRI) system.	Research	University of Texas Southwestern Med	ical Priva	te PI	-\$301	100%	(\$301)
	Totals for	Shiner,David C						\$3,913
Syllaios,	Athanasios John							
Syllaios, A	A., Co-PI; Littler, C., PI; Physics							
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Feder	al Co-PI	\$6,401	50%	\$3,200
	Totals for	Syllaios, Athanasios J	ohn					\$3,200
	Totals for	Physics						\$76,370
	Totals for	College of Science						\$481,666
Admissi	ons							
Outreach	h & Recruit U/G Opp							
Keller,N	Iarian Jean							
GS00018	Work Study Mentorship Program	Public Service	Texas Higher Education Coordinating Board	State	PI	\$9,869	100%	\$9,869
		Keller,Marian Jean						\$9,869

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
		Totals for	Outreach & Recruit U	Ј/G Орр					\$9,869
		Totals for	Admissions						\$9,869
Honors (College								
Honors (College - Dean's Office								
Caffrey,	Kevin Neal								
GF20004	The University of North Texas Ronald E. McNair Postbaccalaureate Achievement Program, 2018-2022		Instruction	U.S. Department of Education	Feder	al PI	\$23,816	100%	\$23,816
		Totals for	Caffrey,Kevin Neal						\$23,810
		Totals for	Honors College - Dear	n's Office					\$23,810
		Totals for	Honors College						\$23,816
	f the President								
Office of	f the President								
Roe,Lesa	a Benton								
G70167	Executive Director CPUPC Position		Public Service	Texas Council of Public University Presidents and Chancellors	Privat	e PI	\$12,581	100%	\$12,58
		Totals for	Roe,Lesa Benton						\$12,58
		Totals for	Office of the Presiden	t					\$12,58
		Totals for	Office of the Presiden	t					\$12,581
Student <i>UNT TR</i>	Engagement								
	etra Danielle								
GF0616	University of North Texas Student Support Services	TRIO	Public Service	U.S. Department of Education	Feder	al PI	\$22,850	100%	\$22,850
51 0010	emirelsky of North Texas Bladent Bupport Services	Totals for		c.s. Department of Education	1 cdc1	ui II	Ψ22,030	10070	\$22,850
Dean,Ka	aren Rawlings								, ,,,,,
GF20001	UNT HEB Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$21,386	100%	\$21,386
		Totals for	Dean,Karen Rawlings	S					\$21,386
Maloney	y,Beverly Ann								
GF20000	UNT Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$32,712	100%	\$32,712
		Totals for	Maloney,Beverly Ann	L					\$32,712
	Tori Lynn								

Project ID	Title	Category	Sponsor	Funding P Source C	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF20002	Upward Bound Program	Public Service	U.S. Department of Education	Federal	PI	\$19,468	100%	\$19,468
a, ,	Totals fo	or Nelson,Tori Lynn						\$19,468
Strong,A	anne							
GF0615	University of North Texas Upward Bound Math and Science Program	Instruction	U.S. Department of Education	Federal	PI	\$4,819	100%	\$4,819
	Totals fo	or Strong,Anne						\$4,819
	Totals for	or UNT TRIO						\$101,235
	Totals fo	or Student Engagemen	t .					\$101,235
	e Graduate School							
Toulouse	e Graduate School - Dean's Office							
Oppong,	Joseph R							
GF20005	El Mariachi Autentico: A Study of Musical MachismoGN18-0062_Oppong	Research	U.S. Department of Education	Federal	PI	\$8,909	100%	\$8,909
GF30026	Graduate Research Fellowship Program	Research	National Science Foundation	Federal	PI	\$17,260	100%	\$17,260
	Totals fo	or Oppong,Joseph R						\$26,169
	Totals for	or Toulouse Graduate S	School - Dean's Office					\$26,169
	Totals fo	or Toulouse Graduate S	School					\$26,169
Universi	ty Library							
Digital L	ibraries							
Krahme	r,Ana Jean							
Krahmer,	A., PI; Phillips, M., Co-PI; Digital Libraries							
GF40060	An Iterative Model for Developing Online Video Instructions of Promote Digital Literacy	to Public Service	Texas State Library and Archives Commission	Federal	PI	\$2,253	50%	\$1,127
Krahmer,	A., Co-PI; Phillips, M., PI; Digital Libraries							
GF40061	Borderlands Newspaper Digitization Project II	Public Service	Texas State Library and Archives Commission	Federal	Co-PI	-\$915	50%	(\$457)
	Totals fo	or Krahmer,Ana Jean						\$669
	Mark Edward							
-	M., Co-PI; Krahmer, A., PI; Digital Libraries							
GF40060	An Iterative Model for Developing Online Video Instructions of Promote Digital Literacy	to Public Service	Texas State Library and Archives Commission	Federal	Co-PI	\$2,253	50%	\$1,127
Office of	f Grants and Contracts Administration, University of	of North Texas				Expenditu	res, September FY	2019: Pag

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Phillips, M	1., PI; Krahmer, A., Co-PI; Digital Libraries								
GF40061	Borderlands Newspaper Digitization Project II		Public Service	Texas State Library and Archives Commission	Feder	al PI	-\$915	50%	(\$457)
GF70032	Programmatic Extraction of "Documents" from Web	Archives	Research	Institute of Museum and Library Service	ces Feder	al PI	\$20,852	100%	\$20,852
	•	Totals for	Phillips,Mark Edwar	d					\$21,521
		Totals for	Digital Libraries						\$22,190
Special L	Libraries								
Gieringe	r,Morgan Davis								
GP40010	DART Archives Project		Public Service	Dallas Area Rapid Transit	Privat	e PI	\$8,055	100%	\$8,055
		Totals for	Gieringer,Morgan Da	nvis					\$8,055
		Totals for	Special Libraries						\$8,055
Universit	ty Library - General								
Halbert,	Martin Douglas								
Halbert, M	M., OTHER; University Library - General; Chan	dler, Y., PI;	Information Science						
GF2694	Library Education for the US-Affiliated Pacific: A P Strengthen the Digital Future of the Pacific (LEAP I		Instruction	Institute of Museum and Library Service	ces Feder	al Co-PI	\$7,489	25%	\$1,872
		Totals for	Halbert,Martin Doug	las					\$1,872
Hawkins	s,Kevin Scott								
Hawkins,	Hawkins, K., PI; Martin, J., Co-PI; University Library - General								
GF2705	Broadening Access to Books on Texas and Oklahom	ıa	Public Service	National Endowment for the Humanition	es Feder	al PI	\$1,155	50%	\$577
GP30010	Understanding OA Ebook Usage: Toward a Commo	n Framework	Research	University of Michigan	Privat	e PI	\$468	100%	\$468
		Totals for	Hawkins,Kevin Scott						\$1,046
Martin,J	John Edward								
Martin, J.,	, Co-PI; Hawkins, K., PI; University Library - C	General							
GF2705	Broadening Access to Books on Texas and Oklahom	ıa	Public Service	National Endowment for the Humanitie	es Feder	al Co-PI	\$1,155	50%	\$577
		Totals for	Martin,John Edward						\$577
Sittel,Na	ncy R								
GF70031	Preservation of Electronic Government Information	Project	Public Service	Institute of Museum and Library Service	ces Feder	al PI	\$7,630	100%	\$7,630
		Totals for	Sittel,Nancy R						\$7,630
		Totals for	University Library - 0	General					\$11,125

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
		Totals for	University Library						\$41,370	Γ
		Totals for	UNT						\$2,611,209	l