Monthly Restricted Research Expenditures Report for September 2015 University of North Texas

penditures Total by College	September 2014	September 2015	YTD FY2015	YTD FY2016
College of Arts and Sciences	\$713,765	\$431,805	\$713,765	\$431,805
College of Business	\$1,342	-\$69	\$1,342	-\$69
College of Education	\$16,495	-\$1,319	\$16,495	-\$1,319
College of Engineering	\$524,977	\$408,582	\$524,977	\$408,582
College of Information	\$45,617	\$32,479	\$45,617	\$32,479
College of Merchandising Hospitality and Tourism	\$0	\$0	\$0	\$0
College of Music	\$0	\$0	\$0	\$0
College of Public Affairs and Community Service	\$7,581	\$6,022	\$7,581	\$6,022
College of Visual Arts and Design	\$794	\$1,009	\$794	\$1,009
School of Journalism	\$0	\$0	\$0	\$0
Other	\$20,009	\$26,699	\$20,009	\$26,699
Dept IDs (Fund 34)	\$81,453	\$87,624	\$81,453	\$87,624
Grand Total:	\$1,412,032	\$992,832	\$1,412,032	\$992,832
				
penditures Total by Category				
Research	\$1,412,032	\$992,832	\$1,412,032	\$992,832
Grand Total:	\$1,412,032	\$992,832	\$1,412,032	\$992,832
penditures Total by Source of Funding				
penditures Total by Source of Funding				
Federal (Fund 31)	\$994,452	\$668,292	\$994,452	\$668,292
Private (Fund 33)	\$264,827	\$216,538	\$264,827	\$216,538
State (Fund 32/04)	\$71,300	\$20,379	\$71,300	\$20,379
Other (Fund 34)	\$81,453	\$87,624	\$81,453	\$87,624
Grand Total:	\$1,412,032	\$992,832	\$1,412,032	\$992,832

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.

last updated 01/12/2016

Project	tricted Research Exp		Category	_	Sponsor	Funding	PI / Co-	Expended	_	Recognition
ID	1100		Category	Ciass	Shouson	Source	C0-	This Period	%	Amount
UNT	and Frank 24 and the									
	eges Fund 34 spending urtments Fund 34 spending									
Fund 34										
runa 32	•									
	Restricted Research spending by Departments	1	Research 2	0 N/A				\$87,624	4 100%	\$87,624
			Fund 34					771,72		\$87,624
		Totals for	All Depar	tments Fun	nd 34 spending					\$87,624
		Totals for	All College	es Fund 34	spending					\$87,624
College	of Arts & Sciences									
Biology										
Allen,M	Iichael Shane									
Allen, M.,	, Co-PI; Hughes, L., PI; Dzialowski, E., Co-PI,	; Thompson, R	R., <i>Co-PI; E</i>	Burleson, I	M., Co-PI; Chapman, K., Co	o-PI; Biology				
GP6150	Undergraduate Science Education 2010 - Core Pro	oposal l	Research 2	0 Howa	ard Hughes Medical Institute	Private	Co-P	°I -\$56	5 15%	(\$85
		Totals for	Allen,Mic	hael Shane						(\$85
Atkinso	on,Samuel F									
GS5178	Lamar Lake and Lake Neff Aquatic Ecosystem Re Camp Maxey, Texas	estoration - 1	Research 2	0 Texas	s Adjutant Generals Departmen	t State	PI	\$930	6 100%	\$936
G70933	Aquatic Macrophyte Restoration Project, Lake Au Lake, Texas	astin and Town l	Research 2	0 City o	of Austin	Private	PI	-\$9,792	2 100%	(\$9,792
GF2676	USAE Research & Development Center	1	Research 2	0 U.S.	Army Corps of Engineers	Federal	PI	\$14,97	5 100%	\$14,975
GF2687	IPA for Dian Smith, Involves the Planning and Co Pond/Mesocosm Research Specifically	onducting of 1	Research 2	0 U.S.	Army Corps of Engineers	Federal	PI	\$5,909	9 100%	\$5,909
GP7629	Year 3 - Native Plant Communities for Wetlands of Grand Prairie Landfill	on the City of I	Research 2	0 City o	of Grand Prairie	Private	PI	\$4,50	1 100%	\$4,501
		Totals for	Atkinson,	Samuel F						\$16,528
Ayre,B	rian G									

Project ID	Title	Category C	lass	Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
Ayre, B., I	PI; Shulaev, V., Co-PI; Biology								
GF1607	Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta	Research 20	Nation	nal Science Foundation	Federal	PI	\$4,411	50%	\$2,205
GP6458	Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum	Research 20	United	Sorghum Checkoff	Private	PI	\$1,160	100%	\$1,160
GP6457	Virus Induced Flowering in Photoperiod-Sensitive Cotton: Advanced Genetic Tools for Testing Hypotheses and Manipulating Cotton Traits	Research 20	Cottor	n Incorporated	Private	PI	\$3,512	100%	\$3,512
	Totals for	Ayre,Brian G	ŀ						\$6,877
Azad,Ra	ajeev Kumar								
Azad, R.,	Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biology; Azad,	R., Co-PI; Math	nematics	•					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research 20	Nation	al Science Foundation	Federal	Co-P	YI \$5,667	17.4%	\$986
Azad, R.,	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biology; Boyd, R.,	Co-PI; Teacher	Educat	ion & Administration; D'Souza, N	., Co-PI; Mec	hanical c	& Energy Engineer	ing; Azad, R	., <i>Co</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	Nation	nal Science Foundation	Federal	Co-P	¥2,975	10%	\$178
Burggre	Totals for en,Warren W	Azad,Rajeev	Kumar						\$1,164
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	Univer	rsity of Miami - School of Medicine	Private	PI	\$9,051	100%	\$9,051
Burggren,	W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Biolog	зу							
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	Unive	rsity of Miami - School of Medicine	Private	Co-P	YI \$10,956	33%	\$3,615
Burggren,	W., PI; Padilla, P., Co-PI; Biology								
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research 20	Nation	al Science Foundation	Federal	PI	\$1,867	60%	\$1,120
Burggren,	W., Co-PI; Crossley II, D., PI; Roberts, A., Co-PI; Biolog	зу							
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	Unive	rsity of Miami - School of Medicine	Private	Со-Р	YI \$19,907	33%	\$6,569
GF1551	Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II	f Research 20	Nation	nal Science Foundation	Federal	PI	\$4,476	100%	\$4,476
	Totals for	Burggren,Wa	rren W						\$24,833
Burleso	n,Mark								

Project ID	Title	Category C	Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
Burleson,	M., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski,	E., Co-PI; Thor	mpson, R	, Co-PI; Chapman, K., Co-PI; Bio	ology				
GP6150	Undergraduate Science Education 2010 - Core Proposal	Research 20	Howard	d Hughes Medical Institute	Private	Co-P	I -\$56	15%	(\$85)
	Totals for	Burleson,Ma	ırk						(\$85)
Chapma	an,Kent D								
Chapman	K., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski,	E., Co-PI; Tho	mpson, R	., Co-PI; Burleson, M., Co-PI; Bio	ology				
GP6150	Undergraduate Science Education 2010 - Core Proposal	Research 20	Howard	d Hughes Medical Institute	Private	Co-P	I -\$56	10%	(\$57)
GP6443	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein Reserves in Cotton	Research 20	Cotton	Incorporated	Private	PI	\$4,59	2 100%	\$4,592
G72501	Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants	Research 20	U.S. Do	epartment of Energy	Federal	PI	\$4,25	5 100%	\$4,255
Chapman	K., PI; Thompson, R., Co-PI; Biology								
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	Research 20	U.S. Do	epartment of Energy	Federal	PI	\$1,20	75%	\$900
GF2699	Regulation of Neutral Lipid Metabolism in Plants	Research 20	U.S. De	epartment of Agriculture	Federal	PI	\$2,15	5 100%	\$2,155
	Totals for	Chapman,Ke	ent D						\$11,845
Chen,Fa	ang								
Chen, F.,	Co-PI; Dixon, R., PI; Biology								
GF4238	Plant-based Sesquiterpenes	Research 20	Chrom	atin, Inc.	Federal	Co-P	I \$14,59	7 25%	\$3,649
Chen, F.,	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biology; Boyd, R.,	Co-PI; Teache	r Educati	on & Administration; D'Souza, N.	., Co-PI; Med	hanical &	k Energy Engin	eering; Azad, R	2., <i>Co</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$2,97	5 25%	\$744
Chen, F.,	Co-PI; Dixon, R., PI; Biology								
GF4183	Bioenergy Sciences Center	Research 20	UT-Ba	ttelle, LLC	Federal	Co-P	I \$23,89	50%	\$11,948
	Totals for	Chen,Fang							\$16,341
Crossle	y II,Dane Alan								
GF1569	Maturation of Cardiovascular Physiology in Embryonic Reptile	es Research 20	Nation	al Science Foundation	Federal	PI	\$1,16	9 100%	\$1,169
Crossley I	I, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Biolog	gy							
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	Univer	sity of Miami - School of Medicine	Private	Co-P	I \$10,95	33%	\$3,615

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended Re- This Period	cognition %	Recognition Amount
Crossley	II, D., PI; Roberts, A., Co-PI; Burggren, W., Co-PI; Biolo	gy						
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	University of Miami - School of Medicine	Private	PI	\$19,907	33%	\$6,569
	Totals fo	r Crossley II,Da	nne Alan					\$11,354
Dickste	in,Rebecca							
GF4131	GEPR: Genetic and Cellular Dissection of Mutualistic Plant- Cicrobe Symbioses in Medicago Truncatula	Research 20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$5,642	100%	\$5,642
GF4174	GEPR: Genetic and Cellular Dissection of Mutualistic Plant- Cicrobe Symbioses in Medicago Truncatula	Research 20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$374	100%	\$374
	Totals fo	r Dickstein,Reb	ecca					\$6,015
Dixon,F	Richard Arthur							
	PI; Chen, F., Co-PI; Biology							
GF4238	Plant-based Sesquiterpenes	Research 20	Chromatin, Inc.	Federal	PI	\$14,597	75%	\$10,948
	PI; Chen, F., Co-PI; Biology							
GF4183	Bioenergy Sciences Center	Research 20	UT-Battelle, LLC	Federal	PI	\$23,896	50%	\$11,948
GP6331	Molecular Approaches to Improved Protein Utilization in Alfal	fa Research 20	Forage Genetics International	Private	PI	\$8,034	100%	\$8,034
GP6433	Condensed Tannin Expression in Row Crops	Research 20	Grasslanz Technology Limited (GTL)	Private	PI	\$5,483	100%	\$5,483
Dixon, R.,	PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Boyd, R.,	Co-PI; Teacher	Education & Administration; D'Souza, N	N., Co-PI; Med	hanical d	& Energy Engineer	ing; Azad, R	., <i>Co</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	National Science Foundation	Federal	PI	\$2,975	45%	\$1,339
GF4181	Metabolomics: Advancing the Scientific Promise to Better Understand Plant Specialized Metabolism for a Low Carbon Society	Research 20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$5,178	100%	\$5,178
	Totals fo	r Dixon,Richard	l Arthur					\$42,930
Dzialow	ski,Edward Michael							
GF1622	Ontogeny of Endothermy's Cellular Furnace	Research 20	National Science Foundation	Federal	PI	\$11,607	100%	\$11,607
Dzialowsi	si, E., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Thompson	, R., Co-PI; Burl	eson, M., Co-PI; Chapman, K., Co-PI; B	Biology				
GP6150	Undergraduate Science Education 2010 - Core Proposal	Research 20	Howard Hughes Medical Institute	Private	Co-F	PI -\$565	15%	(\$85)
	Totals fo	r Dzialowski,Ed	lward Michael					\$11,523
Hoeingl	naus,David Joseph							

Project ID	Title	Category Cla	ass	Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
GF4253	Quantification of Alligator Gar Recruitment Dynamics Using a River Stage Specific Floodplain Inundation Model	Research 20	Wildli	fe Management Institute, Inc.	Federal	PI	\$6,728	100%	\$6,728
	Totals for	Hoeinghaus,Da	avid Jos	seph					\$6,728
Hughes	,Lee E								
Hughes, 1	, PI; Allen, M., Co-PI; Dzialowski, E., Co-PI; Thompson,	R., Co-PI; Burle	eson, M	I., Co-PI; Chapman, K., Co-PI;	Biology				
GP6150	Undergraduate Science Education 2010 - Core Proposal	Research 20	Howar	d Hughes Medical Institute	Private	PI	-\$565	30%	(\$170)
	Totals for	Hughes,Lee E							(\$170)
Hunt V	on Herbing,Ione V								
GP6435	Probiotics as an Alternative to Antibiotics to Improve Growth and Survival in Marine Finfish Aquaculture	Research 20	New V	enture Fund	Private	PI	\$36	100%	\$36
	Totals for	Hunt Von Her	bing,Io	ne V					\$36
Johnson	n,Jeff A.								
GP6399	Assessment of Genetic Diversity in the Iowa Greater Prairie Chicken Population	Research 20	Iowa S	state University	Private	PI	\$0	100%	\$0
	Totals for	Johnson,Jeff A	۸.						\$0
Kenned	y,James H								
GP6470	Surveillance of Mosquito and Arbovirus/West Nile	Research 20	City o	f Denton	Private	PI	\$1,440	100%	\$1,440
	Totals for	Kennedy, James	es H						\$1,440
Mcfarli	n,Brian Keith								
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biology; Mcfarlin, B., PI; Hill,	D., Co-PI; Vingi	ren, J.,	Co-PI; Kinesiology, Health Pr	omotion and Rec	reation			
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	e Research 20	Bergst	rom Nutrition	Private	PI	\$4,500	5%	\$225
	Totals for	Mcfarlin,Brian	n Keith						\$225
Mittler	Ron								
Mittler, R	., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biology; Azad,	R., Co-PI; Mathe	ematics						
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research 20	Nation	al Science Foundation	Federal	PI	\$5,667	42%	\$2,380
	Totals for	Mittler,Ron							\$2,380
Padilla,	Pamela A								

Project ID	Title	Category C	lass Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
Padilla, F	P., Co-PI; Burggren, W., PI; Biology							
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research 20	National Science Foundation	Federal	Co-Pl	\$1,867	40%	\$747
	Totals fo	r Padilla,Pame	la A					\$747
Reyna,	Kelly Shane							
GS5187	Clay County Quail and Grassland Bird Habitat Corridor	Research 20	Texas Parks and Wildlife Department	State	PI	\$221	100%	\$221
GP6313	UNT Quail: Conservation and Education of Grassland Birds at Habitat	nd Research 20	Dixon Foundation	Private	PI	\$1,301	100%	\$1,301
	Totals fo	r Reyna,Kelly	Shane					\$1,521
Roberts	s,Aaron Patrick							
Roberts, A	A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biolo	уду						
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	University of Miami - School of Medicine	Private	PI	\$10,956	34%	\$3,725
Roberts, A	A., Co-PI; Crossley II, D., PI; Burggren, W., Co-PI; Biolo	уду						
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research 20	University of Miami - School of Medicine	Private	Co-Pl	\$19,907	34%	\$6,768
GF4091	Photoenhanced Toxicity of DWH Oil to fish and Zooplankton	Research 20	Stratus Consulting	Federal	PI	\$14,118	100%	\$14,118
GP6392	PAH Phototoxicity to Plankton	Research 20	Stratus Consulting	Private	PI	-\$62	100%	(\$62)
	Totals fo	r Roberts,Aaro	on Patrick					\$24,549
Shah,Jy	voti							
Shah, J.,	PI; Venables, B., Co-PI; Biology; Petros, R., Co-PI; Chen	nistry						
GF1612	Dehydroabietinal Signaling in Plant Defense	Research 20	National Science Foundation	Federal	PI	\$3,473	60%	\$2,084
GF0501	Targeting Host Defense Mechanism for Enhancing FHB Resistance in Wheat	Research 20	U.S. Department of Agriculture	Federal	PI	\$4,798	100%	\$4,798
GF1690	Collaborative Research: Lipidomic Profiling, Dynamics, and Functions of Head-Group Acylation of Membrane Lipids in Plant Stress Responses	Research 20	National Science Foundation	Federal	PI	\$492	100%	\$492
	Totals fo	r Shah,Jyoti						\$7,374
Shulaev	y,Vladimir							

Project ID	Title	Category C	Class	Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
Shulaev,	V., Co-PI; Ayre, B., PI; Biology								
GF1607	Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$4,411	50%	\$2,205
GP6456	Metabolomic Investigation of Cotton Fiber Quality Biomarkers	Research 20	Cotton	n Incorporated	Private	PI	\$185	100%	\$185
Shulaev,	V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biology; Azad,	R., Co-PI; Mat	hematics	1					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research 20	Nation	nal Science Foundation	Federal	Co-P	\$5,667	29%	\$1,643
	Totals for	Shulaev,Vlad	limir						\$4,034
Tam,Ni	coladie D								
Tam, N.,	Co-PI; Biology; Dantu, R., PI; Computer Science & Engin	eering							
GF1646	MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud	Research 20		nal Science Foundation	Federal	Co-P	I \$14,087	10%	\$1,409
TEN.	Totals for	Tam,Nicolad	ie D						\$1,409
_	son,Ruthanne								
•	ı, R., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski,			•					
GP6150	Undergraduate Science Education 2010 - Core Proposal	Research 20	Howar	d Hughes Medical Institute	Private	Co-P	I -\$565	15%	(\$85)
Thompson	ı, R., Co-PI; Chapman, K., PI; Biology								
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	Research 20	U.S. D	Department of Energy	Federal	Co-P	\$1,200	25%	\$300
	Totals for	Thompson,R	uthanne						\$215
Venable	es,Barney J								
Venables,	B., Co-PI; Shah, J., PI; Biology; Petros, R., Co-PI; Chem	istry							
GF1612	Dehydroabietinal Signaling in Plant Defense	Research 20		al Science Foundation	Federal	Co-P	I \$3,473	27%	\$938
		Venables,Ba	rney J						\$938
Verbec	k IV,Guido Fridolin								
	V, G., PI; Biology; Verbeck IV, G., PI; Chemistry								
GS5184	Single Organelle Analysis for Metabolite in Tumor Cells Using Microfluidic Devices Coupled to Direct Nanoextraction- Nanospray	Research 20	Cance Texas	r Prevention and Research Institute of	State	PI	\$2,299	30%	\$690
Verbeck I	V, G., PI; Biology; Verbeck IV, G., PI; Golden, T., Co-PI;	Chemistry							
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research 20	Nation	nal Institute of Justice	Federal	PI	\$4,762	15%	\$714
	Totals for	Verbeck IV,	Guido Fri	idolin					\$1,404
Vingrei	n,Jakob Langberg								

Project ID	Title		Category C	lass	Sponsor	Funding Source	PI / Co-	Expended 1 This Period	Recognition %	Recognition Amount
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biology; Mcfarlin	, B., PI; Hill,	D., Co-PI; Ving	gren, J.,	Co-PI; Kinesiology, Health Pro	omotion and Rec	creation			
GP6419	Evaluation OptiMSM and Glucosamine HCL as Countermeasure	Tissue Damage	e Research 20	Bergs	trom Nutrition	Private	Co-P	¥4,500	4%	\$180
		Totals for	Vingren,Jako	b Lang	berg					\$180
Wright,	Amanda Joy									
GF1691	CAREER: Genetic Approach to Identifying Prote for Division Plane Orientation During Plant Dev		Research 20	Natio	nal Science Foundation	Federal	PI	\$4,574	100%	\$4,574
		Totals for	Wright,Amai	nda Joy						\$4,574
		Totals for	Biology							\$206,827
Center F	or Economic Development									
Bomba,	Michael Stephen									
Bomba, M	I., Co-PI; Pohlen, T., PI; Center For Econom	ic Developme	ent							
GS5206	Understanding the Potential Impacts from Mexic Industry Reforms on Texas's Transportation Infra		Research 20	Texas	Department of Transportation	State	Co-P	\$5,225	100%	\$5,225
Bomba, M	I., Co-PI; Pohlen, T., PI; Center For Econom	ic Developme	ent							
GS5204	NEPA Reporting Synthesis of State Practices		Research 20	Texas	Department of Transportation	State	Co-P	¥2,859	50%	\$1,429
Bomba, M	I., Co-PI; Pohlen, T., PI; Center For Econom	ic Developme	ent							
GS5208	Gulf Intercoastal Waterway Capacity Study		Research 20	Texas	Department of Transportation	State	Co-P	YI \$2,859	80%	\$2,287
Bomba, M	I., Co-PI; Center For Economic Developmen	t; Pohlen, T.,	PI; Marketing o	and Log	vistics					
GS5179	Interagency Contract to Assist TxDOT in Implen Requirements of MAP-21 (P.L. 112-141)		Research 20	_	Department of Transportation	State	Co-P	¥3,009	100%	\$3,009
		Totals for	Bomba,Mich	ael Step	hen					\$11,949
Pohlen,	Terrance L									
Pohlen, T	., PI; Bomba, M., Co-PI; Center For Econom	ic Developme	ent							
GS5204	NEPA Reporting Synthesis of State Practices		Research 20	Texas	Department of Transportation	State	PI	\$2,859	50%	\$1,429
Pohlen, T	., PI; Bomba, M., Co-PI; Center For Econom	ic Developme	ent							
GS5208	Gulf Intercoastal Waterway Capacity Study		Research 20	Texas	Department of Transportation	State	PI	\$2,859	20%	\$572
		Totals for	Pohlen,Terra	nce L						\$2,001
		Totals for	Center For E	conomi	Development					\$13,951
Chemistr	ry .									
Bagus,F	Paul S									
GP6368	Electronic Structure of CeO2		Research 20	Saudi	Basic Industries Corporation	Private	PI	\$3,729	100%	\$3,729
Office of	Grants and Contracts Administration, Un	niversity of 1	North Texas]	RR Expenditures,	September FY20	16: Page 8 of 37

Project ID	Title	Category C	lass Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
G72500	Reaction and Transport of Toxic Metals in Rock-forming Silicates at 25 Degrees Celsius	Research 20	U.S. Department of Energy	Federal	PI	\$2,638	100%	\$2,638
	Totals for	Bagus,Paul S						\$6,367
Buongio	orno Nardelli,Marco							
Buongiorr	no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M.,	PI; Physics						
GF4225	Reciprocating Materials Design with the AFLOWLIB.org Repository	Research 20	Duke University	Federal	PI	\$6,998	20%	\$1,400
	Totals for	Buongiorno N	ardelli,Marco					\$1,400
Chyan,	Oliver M R							
GP6394	Investigation of Al Pad Corrosion in the Cu Wire Bonded Semiconductor Device Assembly	Research 20	Semiconductor Research Corporation	Private	PI	\$1,910	100%	\$1,910
	Totals for	Chyan,Oliver	M R					\$1,910
Cundar	i,Thomas Richard							
Cundari, T	T., PI; Wilson, A., Co-PI; Chemistry							
GP6407	Computational Chemistry Research for Novel Anti- inflammatory Medicines	Research 20	Reata Pharmaceuticals	Private	PI	\$1,263	50%	\$632
Cundari, T	T., Co-PI; Wilson, A., PI; Chemistry							
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research 20	U.S. Department of Energy	Federal	Co-P	I \$8,452	50%	\$4,226
GF1601	Modeling of Catalytic Bond Functionalization by Base and Noble Metal Catalysts	Research 20	National Science Foundation	Federal	PI	\$0	100%	\$0
GF4159	Center for Enabling New Technologies Through Catalysis (CENTC)	Research 20	University of Washington	Federal	PI	\$1,437	100%	\$1,437
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research 20	U.S. Department of Energy	Federal	PI	\$3,669	100%	\$3,669
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research 20	National Science Foundation	Federal	PI	\$4,026	100%	\$4,026
	Totals for	Cundari,Tho	nas Richard					\$13,990
D'souza	Francis,							
D'souza, I	F., PI; Chemistry; D'souza, F., PI; Materials Science & En	igineering						
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research 20	National Science Foundation	Federal	PI	\$3,249	100%	\$2,599

Project ID	Title	Category Cla	ass Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
	Totals for	D'souza,Franc	is					\$2,599
Golden,	Teresa D							
Golden, T	C., Co-PI; Verbeck IV, G., PI; Chemistry; Verbeck IV, G., P	I; Biology						
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research 20	National Institute of Justice	Federal	Co-P	YI \$4,762	50%	\$2,381
	Totals for	Golden,Teresa	D					\$2,381
Kelber,	Jeffry A							
GF1732	Collaborative Research: Spintronics Without Spin Injection	Research 20	National Science Foundation	Federal	PI	\$2,662	100%	\$2,662
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research 20	Defense Threat Reduction Agency	Federal	PI	\$2,000	100%	\$2,000
GF4243	Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)	Research 20	University of Minnesota	Federal	PI	\$8,635	100%	\$8,635
	Totals for	Kelber,Jeffry	A					\$13,298
Marsha	dl,Paul							
GP7632	Kinetic and Product Studies of Complex-Forming Reactions in the Gas Phase	Research 20	Robert A. Welch Foundation	Private	PI	\$9,666	100%	\$9,666
	Totals for	Marshall,Paul						\$9,666
Omary,	Mohammad A							
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research 20	Robert A. Welch Foundation	Private	PI	\$6,259	100%	\$6,259
G70550	Photophysics and Photochemistry of Coordination Compound	Research 20	Robert A. Welch Foundation	Private	PI	-\$70	100%	(\$70)
GF1704	Macromolecular, Supramolecular and/or Nanomolecular Photophysics and Photochemistry of d10 and d8 Complexes	Research 20	National Science Foundation	Federal	PI	\$8,161	100%	\$8,161
GF4268	Advanced Gas Sensing Technology for Space Suits Totals for	Research 20	Intelligent Optical Systems, Inc.	Federal	PI	\$5,819	100%	\$5,819 \$20,160
Petros,l	Robby Allen	Omary,Mohan	шпац А					\$20,169

Project ID	Title	Category	Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
Petros, R.	, Co-PI; Chemistry; Shah, J., PI; Venables, B., Co-PI; Bic	logy							
GF1612	Dehydroabietinal Signaling in Plant Defense	Research 20	Nation	nal Science Foundation	Federal	Co-P	I \$3,473	3 13%	\$452
	Totals for	Petros,Robl	by Allen						\$452
Richmo	nd,Michael George								
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research 20	Rober	t A. Welch Foundation	Private	PI	\$4,734	100%	\$4,734
	Totals for	Richmond,	Michael G	eorge					\$4,734
Slaught	er III,Legrande Mancel								
GF1680	Harnessing Nonclassical Metal-Arene Interactions to Achieve Enantioselective Catalysis	Research 20	Nation	nal Science Foundation	Federal	PI	\$2,489	100%	\$2,489
	Totals for	Slaughter I	II,Legrano	de Mancel					\$2,489
Verbecl	« IV,Guido Fridolin								
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biology								
GS5184	Single Organelle Analysis for Metabolite in Tumor Cells Using Microfluidic Devices Coupled to Direct Nanoextraction- Nanospray	Research 20	Cance Texas	r Prevention and Research Institute of	State	PI	\$2,299	70%	\$1,609
Verbeck I	V, G., PI; Golden, T., Co-PI; Chemistry; Verbeck IV, G., I	PI; Biology							
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research 20	Nation	nal Institute of Justice	Federal	PI	\$4,762	2 35%	\$1,667
	Totals for	Verbeck IV	,Guido Fr	idolin					\$3,276
Wilson,	Angela Kay								
Wilson, A.	., Co-PI; Cundari, T., PI; Chemistry								
GP6407	Computational Chemistry Research for Novel Anti- inflammatory Medicines	Research 20	Reata	Pharmaceuticals	Private	Co-P	I \$1,263	3 50%	\$632
Wilson, A.	., PI; Cundari, T., Co-PI; Chemistry								
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research 20	U.S. I	Department of Energy	Federal	PI	\$8,452	2 50%	\$4,226
GF1641	Composite Methodologies for Quantitative Predictions Across the Periodic Table	Research 20	Nation	nal Science Foundation	Federal	PI	\$1,272	2 100%	\$1,272
Wilson, A.	., Co-PI; Chemistry; Banerjee, R., PI; Needleman, A., Co-	PI; Scharf, T.,	Co-PI; M	Materials Science & Engineering					
G72763	Institute for Science and Engineering Simulation	Research 20	Air Fo	orce Research Laboratory	Federal	Co-P	¥25,92	12.5%	\$3,240
Wilson, A.	., Co-PI; Chemistry; Oppong, J., PI; Briggle, A., Co-PI; F	hilosophy & R	eligion S	tudies; John, K., Co-PI; Mechanica	al & Energy I	Engineeri	ng		
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research 20	Nation	nal Science Foundation	Federal	Co-P	I \$3,024	10%	\$302

Project ID	Title	Category C	Class Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
	Totals	for Wilson,Ange	la Kay					\$9,672
Xia,Zh	enhai							
Xia, Z., P	PI; Chemistry; Xia, Z., PI; Materials Science & Engineer	ring						
GF1659	Collaborative Research: Multifunctional Nanocomposities w Reversible Switch and Controlled Release Surfaces	ith Research 20	National Science Foundation	Federal	PI	\$3,393	100%	\$679
Xia, Z., P	PI; Chemistry; Xia, Z., PI; Materials Science & Engineer	ing						
GF4147	Nanofabrication of Tunable 3D Nanotube Architectures	Research 20	Case Western Reserve University	Federal	PI	\$9,291	100%	\$1,858
	Totals	for Xia,Zhenhai						\$2,537
	Totals	for Chemistry						\$94,939
Commu	nication Studies							
Ahmed	,Iftekhar							
GF1648	VOSS: Research on the Process of Virtual Environment	Research 20	National Science Foundation	Federal	PI	\$4,970	100%	\$4,970
	Totals	for Ahmed,Iftekl	har					\$4,970
	Totals	for Communicat	ion Studies					\$4,970
Geograp	phy							
Fry,Ma	atthew Joseph							
GF1655	Collaborative Research: New Geographics of Shale Gas: Distance Regulation and Policy Mobilities in Texas	Research 20	National Science Foundation	Federal	PI	\$98	100%	\$98
	Totals	for Fry,Matthew	Joseph					\$98
Oppon	g,Joseph R							
Oppong,	J., Co-PI; Geography; Ishiyama, J., PI; Political Science	e						
GF1682	REU Site: Civil Conflict Management and Peace Science	Research 20	National Science Foundation	Federal	Co-P	PI -\$1,650	20%	(\$330)
	Totals	for Oppong,Jose	ph R					(\$330)
Rice,M	urray D							
Rice, M.,	PI; Tiwari, C., Co-PI; Geography							
GP6430	Defining the Record of Fast-Growing Firms as Members of Regional Business Communities: A Tracking Analysis	Research 20	Kauffman Foundation	Private	PI	\$2,233	80%	\$1,787
	Totals	for Rice,Murray	D					\$1,787
Tiwari,	Chetan							
Tiwari, C	C., Co-PI; Geography; Mikler, A., PI; Bryce, R., Co-PI;	Schneider, T., Co-l	PI; Computer Science & Engineering					
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research 20	National Institutes of Health	Federal	Co-F	PI \$9,795	35%	\$3,428

Project ID	Title	Category C	Class	Sponsor	Funding Source	PI / Co-	Expended I This Period	Recognition %	Recognition Amount
Tiwari, C	., Co-PI; Geography; Mikler, A., PI; Computer Scienc	e & Engineering							
GF1706	Computational Methods for Quantifying Regional Ebola- Specific Resource Coverage	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$4,230	50%	\$2,115
Tiwari, C	., Co-PI; Rice, M., PI; Geography								
GP6430	Defining the Record of Fast-Growing Firms as Members o Regional Business Communities: A Tracking Analysis	f Research 20	Kauffr	man Foundation	Private	Co-P	I \$2,233	20%	\$447
	Tota	ls for Tiwari,Cheta	an						\$5,990
	Tota	ls for Geography							\$7,544
Mathem	atics								
Azad,R	ajeev Kumar								
Azad, R.,	Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI;	Chen, F., Co-PI; Bi	ology; B	oyd, R., Co-PI; Teacher Ed	lucation & Administr	ation; D'	Souza, N., Co-Pl	; Mechanical	& En
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$2,975	10%	\$119
Azad, R.,	Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI;	Shulaev, V., Co-PI,	; Biology						
GF1681	Ultrafast Omics Reveals Key Players in the Response of Pl to Abiotic Stress	ants Research 20	Nation	al Science Foundation	Federal	Co-P	I \$5,667	11.6%	\$657
	Tota	ls for Azad,Rajeev	Kumar						\$776
Gao,Su									
Gao, S., F	PI; Jackson, S., Co-PI; Mathematics								
GF1624	Equivalence Relations, Symbolic Dynamics and Descriptive Theory	ve Set Research 20	Nation	al Science Foundation	Federal	PI	\$1,340	50%	\$670
Gao, S., F	PI; Urbanski, M., Co-PI; Mauldin, R., Co-PI; Jackson,	S., Co-PI; Mathem	natics						
GF1543	Research Training Group in Logic and Dynamics	Research 20	Nation	al Science Foundation	Federal	PI	\$6,142	34%	\$2,088
GP6293	Geometric Aspects of the Representation Theory of Reduc Groups	tive Research 20	Simon	s Foundation	Private	PI	\$18	100%	\$18
		ls for Gao,Su							\$2,776
Jackson	,Stephen Craig								
Jackson,	S., Co-PI; Gao, S., PI; Urbanski, M., Co-PI; Mauldin,	R., Co-PI; Mathem	atics						
GF1543	Research Training Group in Logic and Dynamics	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$6,142	33%	\$2,027
Jackson, S	S., Co-PI; Gao, S., PI; Mathematics								
GF1624	Equivalence Relations, Symbolic Dynamics and Descriptive Theory	ve Set Research 20	Nation	al Science Foundation	Federal	Co-P	I \$1,340	50%	\$670
	Tota	ls for Jackson,Step	ohen Crai	g					\$2,697
Richter	,Olav K								

Project ID	Title	Category Class Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
GP6192	Jacobi Forms and Applications	Research 20 Simons Foundation	Private	PI	\$2,437	100%	\$2,437
Urbansl	Total k i,Mariusz	s for Richter,Olav K					\$2,437
GF1697	Thermodynamic Formalism, Dynamics and Dimensions	Research 20 National Science Foundation	Federal	PI	\$161	100%	\$161
Urbanski,	M., Co-PI; Gao, S., PI; Mauldin, R., Co-PI; Jackson,	S., Co-PI; Mathematics					
GF1543	Research Training Group in Logic and Dynamics	Research 20 National Science Foundation	Federal	Co-P	I \$6,142	33%	\$2,027
	Total Total						\$2,188 \$10,874
Philosop	hy & Religion Studies						
Briggle,	Adam Robert Dryden						
<i>Briggle, A</i> GF1687	., Co-PI; Frodeman, R., PI; Philosophy & Religion St EAGER: Research on the Broader Impacts of Basic Science Gauging the State of the Art		Federal	Co-P	I \$14,888	30%	\$4,467
Briggle, A	., Co-PI; Oppong, J., PI; Philosophy & Religion Studi	es; Wilson, A., Co-PI; Chemistry; John, K., Co-I	PI; Mechanical & Energy I	Engineeri	ng		
GF1675	Gaming Graduate Ethics Education in Science & Engineeri	ng Research 20 National Science Foundation	Federal	Co-P	I \$3,024	30%	\$907
Briggle, A	., PI; Frodeman, R., Co-PI; Philosophy & Religion St	ıdies					
GF1683	Understanding the Policy Relevance of 21st Century Philos		Federal	PI	\$0	50%	\$0
	Total	s for Briggle,Adam Robert Dryden					\$5,374
Frodem	an,Robert Lee						
Frodeman GF1683	r, R., Co-PI; Briggle, A., PI; Philosophy & Religion St Understanding the Policy Relevance of 21st Century Philos		Federal	Co-P.	I \$0	50%	\$0
			1000:00	001	Ψ.	20,0	Ψ.
Froaeman GF1687	EAGER: Research on the Broader Impacts of Basic Science Gauging the State of the Art		Federal	PI	\$14,888	70%	\$10,422
	Total	s for Frodeman,Robert Lee					\$10,422
Oppong	"Joseph R						
Oppong, J	., PI; Briggle, A., Co-PI; Philosophy & Religion Studi	es; Wilson, A., Co-PI; Chemistry; John, K., Co-I	PI; Mechanical & Energy	Engineeri	ng		
GF1675	Gaming Graduate Ethics Education in Science & Engineeri	ng Research 20 National Science Foundation	Federal	PI	\$3,024	50%	\$1,512
	Total	s for Oppong,Joseph R					\$1,512
	Total	s for Philosophy & Religion Studies					\$17,307
Physics							

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
Aouadi,	Samir M							
Aouadi, S	., PI; Physics; Aouadi, S., PI; Young, M., Co-PI; Material.	s Science & Eng	ineering					
GF1708	REU Site: Advanced Processing and Materials Characterization	Research 20	National Science Foundation	Federal	PI	\$0	50%	\$0
	Totals for	Aouadi,Samir	M					\$0
Buongio	orno Nardelli,Marco							
Buongior	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI;	Chemistry						
GF4225	Reciprocating Materials Design with the AFLOWLIB.org Repository	Research 20	Duke University	Federal	PI	\$6,998	80%	\$5,599
	Totals for	Buongiorno N	ardelli,Marco					\$5,599
Drache	v,Vladimir Prokopievich							
GF4213	Nanofabrication and Characterization of Metamaterials for Spir Optics	n Research 20	State University of New York at Buffalo	Federal	PI	\$5,892	100%	\$5,892
	Totals for	Drachev,Vlad	imir Prokopievich					\$5,892
Glass,G	ary Alan							
Glass, G.,	PI; Reinert, T., Co-PI; Physics							
GF4249	PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons	Research 20	University of Louisiana at Monroe	Federal	PI	\$198	50%	\$99
	Totals for	Glass,Gary A	an					\$99
Grigolii	ni,Paolo							
GF2696	Behavioral Constraints on Game Theory	Research 20	U.S. Army	Federal	PI	\$4,003	100%	\$4,003
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research 20	Robert A. Welch Foundation	Private	PI	\$4,303	100%	\$4,303
	Totals for	Grigolini,Paol	o					\$8,307
Mueller	;Dennis William							
GF1600	Kinematically Complete Measurements for Positron Impact Ionization of Atoms and Simple Molecules	Research 20	National Science Foundation	Federal	PI	\$200	100%	\$200
	Totals for	Mueller,Denn	is William					\$200
Ordone	z,Carlos A							
G72735	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	Research 20	U.S. Department of Energy	Federal	PI	\$2,302	100%	\$2,302

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended Rec This Period	cognition %	Recognition Amount
GF1640	Collaborative Research: Experimental and Theoretical Study of the Plasma of Antihydrogen Generation and Trapping	Research 20	National Science Foundation	Federal	PI	-\$135	100%	(\$135)
	Totals for	Ordonez,Carl	os A					\$2,167
Reinert	,Tilo							
Reinert, T	C., Co-PI; Glass, G., PI; Physics							
GF4249	PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons	Research 20	University of Louisiana at Monroe	Federal	Co-PI	\$198	50%	\$99
Schultz	Totals for David Robert	Reinert,Tilo						\$99
GF4222	Energy Deposition in the Upper Atmosphere of Jupiter and Saturn by Energetic Particles: The Polar Aurora	Research 20	University of Kansas Center for Research	Federal	PI	\$2,032	100%	\$2,032
Shiner,l	Totals for David C	Schultz,David	Robert					\$2,032
GF1598	Precision Laser Studies of Basic Atoms and Nuclei	Research 20	National Science Foundation	Federal	PI	\$28	100%	\$28
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Research 20	National Science Foundation	Federal	PI	\$1,239	100%	\$1,239
GF1726	Convenient Visible and UV Laser Sources using Nonlinear Conversion	Research 20	National Science Foundation	Federal	PI	\$6,173	100%	\$6,173
	Totals for	Shiner, David	С					\$7,439
	Totals for	Physics						\$31,834
Political	Science							
Greig,J	ames Michael							
Greig, J.,	Co-PI; Ishiyama, J., PI; Political Science							
GF1573	REU Site: Civil Conflict Management and Peace Science Totals for	Research 20 Greig,James M	National Science Foundation	Federal	Co-Pl	\$0	50%	\$0 \$0
Ishiyam	na,John T.	8)						
-	J., PI; Political Science; Oppong, J., Co-PI; Geography REU Site: Civil Conflict Management and Peace Science	Research 20	National Science Foundation	Federal	PI	-\$1,650	80%	(\$1,320)
Ishiyama,	J., PI; Greig, J., Co-PI; Political Science							
GF1573	REU Site: Civil Conflict Management and Peace Science	Research 20	National Science Foundation	Federal	PI	\$0	50%	\$0 (\$1.330)
	Totals for	Ishiyama,Johi	11.			P Evnandituras Sant		(\$1,320)

Project ID	Title	Category (Class Sponsor	Funding Source	PI / Co-	Expended Re This Period	ecognition %	Recognition Amount
		Totals for Political Scient	nce					(\$1,320)
Psycholo	ogy							
Hook,J	oshua Nord							
GP6393	Behavioral Measure of Humility in Couples	Research 20	Georgia State University	Private	PI	\$2,206	100%	\$2,206
GP6286	Relational Humility: An Interdisciplinary Approach to of Humility	the Study Research 20	Virginia Commonwealth University	Private	PI	-\$153	100%	(\$153)
		Totals for Hook, Joshua	Nord					\$2,053
Neumai	nn,Craig S							
GF4088	Comparing Interventions to Improve the Well-Being o Custodial Grandfamilies	Research 20	Kent State University	Federal	PI	-\$2,875	100%	(\$2,875)
		Totals for Neumann, Cr	raig S					(\$2,875)
Parsons	s,Thomas David							
GF4267	Advanced Automated Assessment of Cognitive Chang Associated with Brain Injury and Neurological Diseas		SoarTech	Federal	PI	\$9,349	100%	\$9,349
		Totals for Parsons, Tho	mas David					\$9,349
Petrie, T	Trent A							
GP6423	Psychological Well-Being of Female Collegiate Athlet Longitudinal Investigation	es: A Research 20	National Collegiate Athletic Association	Private	PI	\$505	100%	\$505
GP6475	Psychological Well-Being and the Help Seeking Attitu Behaviors of Male and Female Collegiate Athletes	des and Research 20	Association for Applied Sport Psychology	Private	PI	\$400	100%	\$400
		Totals for Petrie, Trent	A					\$905
Rogers,	Richard							
GF1638	Juvenile Miranda Warnings: Comprehension and Invo Constitutional Safeguards	cation of Research 20	National Science Foundation	Federal	PI	\$0	100%	\$0
	-	Totals for Rogers, Rich	ard					\$0
Rugger	o,Camilo							

According to September Sep	Project ID	Title		Category C	lass Sponsor	Funding Source	PI / Co-	Expended Rec This Period	ognition %	Recognition Amount
Capabil Scala Vigilance and Atherosclerotic Risk Seesarch 20 National Institutes of Health Federal Pi \$4,757 100% \$4,575 \$4,	GF4274	and Lower Respiratory Symptoms (LRS) in World To			Stony Brook University	Federal	PI	\$18,190	100%	\$18,190
GF2631 Social Vigilance and Altherosclerotic Risk Research 20 National Institutes of Health Federal PI \$4,757 100%			Totals for	Ruggero,Can	nilo					\$18,190
CGP2630 Comparing Internet and In-person Brief Cognitive Behavioral Research 20 U.S. Department of Defense Federal PI \$12,498 100% \$12, \$17, \$12, \$17, \$12, \$17, \$18, \$17, \$18, \$18, \$18, \$18, \$18, \$18, \$18, \$18	Taylor,	Daniel								
The trapy of Insommia	GF2651	Social Vigilance and Atherosclerotic Risk		Research 20	National Institutes of Health	n Federal	PI	\$4,757	100%	\$4,757
State Stat	GF2630		ehavioral	Research 20	U.S. Department of Defense	e Federal	PI	\$12,498	100%	\$12,498
College of Business Information Technology & Decision Sciences Kulkarni, Shailesh S Nowicki, D., PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics Nowicki, David Richard Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketirg and Logistics Nowicki, David Richard Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Nowicki, David Richard Rosicki David Richard			Totals for	Taylor,Danie	l					\$17,256
College of Business Information Technology & Decision Sciences Kulkarni, Shailesh S Kulkarni, S., Co-Pl; Nowicki, D., Pl; Information Technology & Decision Sciences; Nowicki, D., Pl; Randall, W., Co-Pl; Pohlen, T., Co-Pl; Sauser, B., Co-Pl; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Kulkarni, Shailesh S Nowicki, David Richard Nowicki, D., Pl; Kulkarni, S., Co-Pl; Information Technology & Decision Sciences; Nowicki, D., Pl; Randall, W., Co-Pl; Pohlen, T., Co-Pl; Sauser, B., Co-Pl; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Nowicki David Richard Nowicki David Richard Nowicki, David Ri				, 0,						\$44,879
Research 20 Greyhound Lines, Inc Private Priva			Totals for	College of Ar	ts & Sciences					\$431,805
Kulkarni, Shailesh S Kulkarni, S., Co-PI; Nowicki, D., PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Kulkarni, Shailesh S Nowicki, David Richard Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard South Richard Nowicki, David Richard Nowicki, David Richard Nowicki, David Richard Nowicki, David Richard Research 20 Greyhound Lines, Inc Private PI -\$69 40% Gef6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Research 20 Greyhound Lines, Inc Private PI -\$69 40% Gef6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas	_									
Kulkarni, S., Co-Pl; Nowicki, D., Pl; Information Technology & Decision Sciences; Nowicki, D., Pl; Randall, W., Co-Pl; Pohlen, T., Co-Pl; Sauser, B., Co-Pl; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Kulkarni, Shailesh S Nowicki, David Richard Nowicki, D., Pl; Kulkarni, S., Co-Pl; Information Technology & Decision Sciences; Nowicki, D., Pl; Randall, W., Co-Pl; Pohlen, T., Co-Pl; Sauser, B., Co-Pl; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard Nowicki, David Richard Nowicki, D., Pl; Randall, W., Co-Pl; Pohlen, T., Co-Pl; Sauser, B., Co-Pl; Marketing and Logistics; Nowicki, D., Pl; Kulkarni, S., Co-Pl; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Research 20 Greyhound Lines, Inc Private PI -\$69 40% GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas										
Stablishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas										
between Greyhound and the University of North Texas Totals for Kulkarni, Shailesh S Nowicki, David Richard Nowicki, Da, PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard Nowicki, David Richard Nowicki, David Richard Standard Richard Nowicki, David Richard Nowicki, David Richard Standard Richard Nowicki, David Richard		-								
Nowicki, David Richard Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard Nowicki, David Richard Nowicki, David Richard Source PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Organical Sciences (Private PI -\$69 40%)	GP6356			Research 20	Greyhound Lines, Inc	Private	Co-I	PI -\$69	20%	(\$14)
Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% to between Greyhound and the University of North Texas			Totals for	Kulkarni,Sha	nilesh S					(\$14)
GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Nowicki, David Richard Nowicki, David Richard Nowicki, David Richard Stablishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas Research 20 Greyhound Lines, Inc Private PI -\$69 40% Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% GP6356 Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas	Nowicki	i,David Richard								
between Greyhound and the University of North Texas Totals for Nowicki, David Richard Totals for Information Technology & Decision Sciences Marketing and Logistics Nowicki, David Richard Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (Decision Sciences) GP6356 Research 20 Greyhound Lines, Inc Private PI -\$69 40% (Decision Sciences)	Nowicki, I	D., PI; Kulkarni, S., Co-PI; Information Technol	ogy & Dec	rision Sciences;	Nowicki, D., PI; Randall,	W., Co-PI; Pohlen, T., Co-P	; Sauser	, B., Co-PI; Marketii	ng and Log	istics
Marketing and Logistics Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (between Greyhound and the University of North Texas)	GP6356			Research 20	Greyhound Lines, Inc	Private	PI	-\$69	40%	(\$5)
Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (between Greyhound and the University of North Texas)			Totals for	Nowicki,Davi	id Richard					(\$5)
Nowicki, David Richard Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (between Greyhound and the University of North Texas)			Totals for	Information '	Technology & Decision Scien	aces				(\$19)
Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Sauser, B., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (between Greyhound and the University of North Texas)	Marketin	ng and Logistics								
GP6356 Establishing a Long-Standing, Collaborative Relationship Research 20 Greyhound Lines, Inc Private PI -\$69 40% (between Greyhound and the University of North Texas	Nowick	i,David Richard								
between Greyhound and the University of North Texas	Nowicki, I	D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; So	auser, B., C	Co-PI; Marketi	ng and Logistics; Nowicki,	D., PI; Kulkarni, S., Co-PI;	Informat	ion Technology & D	ecision Scie	ences
Totals for Nowicki, David Richard	GP6356			Research 20	Greyhound Lines, Inc	Private	PI	-\$69	40%	(\$22)
		•	Totals for	Nowicki,Davi	id Richard					(\$22)
Pohlen,Terrance L	Pohlen,	Terrance L								

Project ID	Title	Category	Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
Pohlen, T.	., Co-PI; Nowicki, D., PI; Randall, W., Co-PI; Sauser, B.,	Co-PI; Mark	keting and	Logistics; Nowicki, D., PI; Kulkarni	, S., Co-PI; I	Informati	on Technology	& Decision Scie	ences
GP6356	Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas	Research 2	0 Greyh	ound Lines, Inc	Private	Co-Pl	-\$69	9 10%	(\$7)
	Totals fo	r Pohlen,Te	errance L						(\$7)
Randall	l,Wesley Spencer								
Randall, V	W., Co-PI; Nowicki, D., PI; Pohlen, T., Co-PI; Sauser, B.,	Co-PI; Mark	keting and	Logistics; Nowicki, D., PI; Kulkarni	, S., Co-PI; I	Informati	on Technology	& Decision Scie	ences
GP6356	Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas	Research 2	0 Greyh	ound Lines, Inc	Private	Co-Pl	-\$69	9 20%	(\$14)
	Totals fo	r Randall,V	Vesley Spen	cer					(\$14)
Sauser,	Brian Joseph								
Sauser, B.	., Co-PI; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T.,	Co-PI; Mark	keting and	Logistics; Nowicki, D., PI; Kulkarni	, S., Co-PI; I	-			ences
GP6356	Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas	Research 2	0 Greyh	ound Lines, Inc	Private	Co-Pl	-\$69	9 10%	(\$7)
	Totals fo								(\$7)
	Totals fo		g and Logis	tics					(\$49)
	Totals for of Education	r College of	Business						(\$69)
Counseli Bower,I	ing & Higher Education Beverly								
GP6306	Council for the Study of Community Colleges	Research 2	0 Coun	cil for the Study of Community Colleges	Private	PI	\$41	1 100%	\$411
	Totals fo	r Bower,Be	verly						\$411
Bratton	"Sue C								
GP6471	Efficacy of Therapeutic Group Parenting Model on Adopted Children's Behavior Problems, Stress in the Parent-Child Relationship, and Parents' Empathic/Attachment Behavior with their Children	Research 2	0 Group Healtl	Foundation for Advancing Mental	Private	PI	\$952	2 100%	\$952
	Totals fo	r Bratton,S	ue C						\$952
Chen,Pt	u-Shih Daniel								
Chen, P.,	PI; Counseling & Higher Education; Simon, J., Co-PI; A	VP Planning	& Inst Res	earch					
GP6478	What Does Direct Evidence Via Card Swipe Tell Us About Student Engagement and Retention?: A Study of the Engagement Research Index Project	Research 2		A-Student Affairs Administrators in r Education	Private	PI	\$12	1 50%	\$61
	Totals fo	r Chen,Pu-S	Shih Daniel						\$61
Taylor,	Barrett Jay								

Project ID	Title		Category Cla	ıss	Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
GF4175	The Executive Science Network: University Trustees Organization of University Industry Exchanges	s and the	Research 20	The Uni	iversity of Georgia	Federal	PI	-\$8,355	100%	(\$8,355)
		Totals for	Taylor,Barrett	Jay						(\$8,355)
		Totals for	Counseling & H	Higher E	Education					(\$6,932)
Kinesiolo	ogy, Health Promotion and Recreation									
Hill,Dav	vid Wilfred									
Hill, D., C	Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kine	siology, He	ealth Promotion a	and Rec	reation; Mcfarlin, B., PI; Vingren	, J., Co-PI; I	Biology			
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tiss Countermeasure				om Nutrition	Private	Co-P	\$4,500	10%	\$450
		Totals for	Hill,David Wilfr	red						\$450
Keller,N	Marian Jean									
GS5165	Allied Health Pathway: A Minority Male Initiative		Research 20	Texas H	ligher Education Coordinating Board	State	PI	\$1,221	100%	\$1,221
		Totals for	Keller,Marian J	Jean						\$1,221
Mcfarli	n,Brian Keith									
Mcfarlin,	B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kine	siology, He	ealth Promotion a	and Rec	creation; Mcfarlin, B., PI; Vingren	, J., Co-PI; I	Biology			
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tiss Countermeasure	sue Damage	Research 20	Bergstro	om Nutrition	Private	PI	\$4,500	45%	\$2,025
		Totals for	Mcfarlin,Brian	Keith						\$2,025
Vingren	,Jakob Langberg									
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kine	siology, He	ealth Promotion a	and Rec	ereation; Mcfarlin, B., PI; Vingren	, J., Co-PI; I	Biology			
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tiss Countermeasure	sue Damage	Research 20	Bergstro	om Nutrition	Private	Co-P	I \$4,500	36%	\$1,620
		Totals for	Vingren,Jakob l	Langbe	rg					\$1,620
		Totals for	Kinesiology, He	ealth Pr	omotion and Recreation					\$5,316
Teacher	Education & Administration									
Boyd,Re	ossana R									
Boyd, R.,	Co-PI; Teacher Education & Administration; Di	ixon, R., PI	; Azad, R., Co-PI	I; Chen	, F., Co-PI; Biology; D'Souza, N.,	Co-PI; Mec	hanical d	& Energy Enginee	ring; Azad, R	., <i>Co</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lign				1 Science Foundation	Federal	Co-P		10%	\$297
		Totals for	Boyd,Rossana R	R						\$297
		Totals for	Teacher Educat	tion & A	Administration					\$297
		Totals for	College of Educa	cation						(\$1,319)
College of	of Engineering									
Compute	r Science & Engineering									

Project ID	Title	Category Cl	ass	Sponsor	Funding Source	PI / Co-	Expended R This Period	ecognition %	Recognition Amount
Bryce,I	Renee Cathryn								
Bryce, R.,	Co-PI; Mikler, A., PI; Schneider, T., Co-PI; Computer Sc	cience & Enginee	ring; Ti	wari, C., Co-PI; Geography					
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research 20	Nation	al Institutes of Health	Federal	Co-I	PI \$9,795	15%	\$1,469
GF1650	CAP-Bugs: A Process to Capture, Analyze and Prevent Bugs	Research 20	Nation	al Science Foundation	Federal	PI	\$9,541	100%	\$9,541
C	Totals for	Bryce,Renee C	Cathryn						\$11,010
	a,Cornelia Alexandra								
_	C., PI; Tarau, P., Co-PI; Computer Science & Engineering								
GF1703	III: Small: Collaborative Research: Keyphrase Extraction in Document Networks	Research 20	Nation	al Science Foundation	Federal	PI	\$11,849	70%	\$6,636
Caragea,	C., PI; Computer Science & Engineering; Caragea, C., P.	I; Library & Info	rmation	Sciences					
GF1700	TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing	Research 20	Nation	al Science Foundation	Federal	PI	\$6,448	100%	\$5,158
	Totals for	Caragea,Corn	elia Ale	xandra					\$11,794
Dantu,	Ramanamurthy								
GF1735	EAGER: Mobile Solutions for Multifold Increase of Survival Rates Through High Quality Chest Compressions	Research 20	Nation	al Science Foundation	Federal	PI	\$2,004	100%	\$2,004
Dantu, R.	, PI; Computer Science & Engineering; Tam, N., Co-PI; E	Biology							
GF1646	MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud	Research 20	Nation	al Science Foundation	Federal	PI	\$14,087	90%	\$12,679
	Totals for	Dantu,Ramana	amurthy	7					\$14,683
Fu,Son	g								
GF4266	Anomaly Detection in DOE High Performance Computing Systems Logs Using Machine Learning	Research 20	Los Al	amos National Laboratory	Federal	PI	\$2,786	100%	\$2,786
	Totals for	r Fu,Song							\$2,786
Huang,	Yan								
GF2665	Geotagging Social Media for Enhanced Location-Based Search	Research 20	Nation	al Geospatial-Intelligence Agency	Federal	PI	\$6,760	100%	\$6,760
GF1699	US-Based Students Support to Attend ACM SIGSPATIAL 201	4 Research 20	Nation	al Science Foundation	Federal	PI	\$0	100%	\$0
	Totals for	r Huang,Yan							\$6,760
Kavi,K	rishna M								

Project ID	Title	Category C	lass Sp	oonsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research 20	Generic Po	oled Sponsor	Private	PI	\$22,38	1 100%	\$22,381
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research 20	National So	cience Foundation	Federal	PI	\$8,16	1 100%	\$8,161
GF1705	A Framework for Epidemic Contract Tracing Using Multi- Contextual Information	Research 20	National So	cience Foundation	Federal	PI	\$7,30	1 100%	\$7,301
	Totals fo	r Kavi,Krishna	M						\$37,843
Mikler,	Armin R								
Mikler, A	., PI; Bryce, R., Co-PI; Schneider, T., Co-PI; Computer Sc	cience & Enginee	ering; Tiwar	i, C., Co-PI; Geography					
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research 20	National In	stitutes of Health	Federal	PI	\$9,79	5 35%	\$3,428
Mikler, A	., PI; Computer Science & Engineering; Tiwari, C., Co-PI	; Geography							
GF1706	Computational Methods for Quantifying Regional Ebola- Specific Resource Coverage	Research 20	National So	cience Foundation	Federal	PI	\$4,23	0 50%	\$2,115
	Totals for	r Mikler,Armir	R						\$5,543
Nielsen	,Rodney D								
GF0612	Comprehension SEEDING: Comprehension Through Self- Explanation Enhanced Discussion and Inquiry Generation	Research 20	U.S. Depar	tment of Education	Federal	PI	\$2,21	8 100%	\$2,218
GF1629	SHW: Large: Collaborative Research: Companionbots For Proactive Therapeutic Dialog On Depression	Research 20	National So	cience Foundation	Federal	PI	\$9,12	8 100%	\$9,128
	Totals fo	r Nielsen,Rodn	ey D						\$11,345
Schneid	ler,Tamara								
Schneider	r, T., Co-PI; Mikler, A., PI; Bryce, R., Co-PI; Computer Sc	cience & Engine	ering; Tiwar	i, C., Co-PI; Geography					
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research 20	National In	stitutes of Health	Federal	Co-F	PI \$9,79	5 15%	\$1,469
	Totals for	r Schneider,Ta	mara						\$1,469
Tarau,l	Paul								
Tarau, P.	, Co-PI; Caragea, C., PI; Computer Science & Engineerin	ag; Caragea, C.,	PI; Library	& Information Sciences					
GF1703	III: Small: Collaborative Research: Keyphrase Extraction in Document Networks	Research 20	National So	cience Foundation	Federal	Co-F	PI \$11,84	9 30%	\$3,555
							\$0.00	0 1000/	Φ0.000
GF1689	SHF: Small: Application of Hereditarily Binary Numbers	Research 20	National So	cience Foundation	Federal	PI	\$9,09	0 100%	\$9,090

Project ID	Title	Category Cl	lass	Sponsor	Funding Source	PI / Co-	Expended l This Period	Recognition %	Recognition Amount			
	Totals for	Computer Sci	ience & E	ngineering					\$115,878			
Electrica	l Engineering											
Acevedo,Miguel F												
Acevedo,	M., PI; Electrical Engineering; Carranza, G., Co-PI; UNT	TInternational-C	Comm Ou	ıtreac								
GF4254	Global Research and Education Initiative on Sustainable Desalination Technology	Research 20	Institute	e of International Education	Federal	PI	\$1,372	50%	\$686			
GF4244	Autonomous Sustainable Brackish Desalinization System for Smallholder Farming Households	Research 20	Develop	oment Alternatives, Incorporated	Federal	PI	-\$38	3 100%	(\$38)			
GF4209	The Emergence of Coupled Natural and Human Landscapes in the Western Mediterranean	Research 20	Arizona	State University	Federal	PI	\$784	100%	\$784			
	Totals for	Acevedo, Migu	uel F						\$1,433			
Fu,Shei	ngli											
GP6380	Design and Development of Portable Computing System	Research 20	Myth In	novations	Private	PI	\$4,826	100%	\$4,826			
Fu, S., Co	p-PI; Wan, Y., PI; Electrical Engineering											
GF1724	EAGER: Aerial Communication Infrastructure for Smart Emergency Response	Research 20	Nationa	l Science Foundation	Federal	Co-P	I \$3,333	50%	\$1,667			
		Fu,Shengli							\$6,493			
Mehta,	Gayatri											
GF1653	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures "REU-Supplement"	Research 20	Nationa	ll Science Foundation	Federal	PI	\$444	100%	\$444			
GF1627	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures	Research 20	Nationa	l Science Foundation	Federal	PI	\$12,295	100%	\$12,295			
	Totals for	Mehta,Gayatı	ri						\$12,739			
Wan,Ya	an											
GF2668	Run-Time Failure Detection and Control in Complex Information Systems	Research 20	Nationa Technol	l Institute of Standards and logy	Federal	PI	\$6,380	100%	\$6,380			
GF4206	Stochastic Weather-Impact Modeling for Flow-Contingency Planning at a Strategic Time Horizon	Research 20	MITRE	Corporation	Federal	PI	\$23,588	100%	\$23,588			

Project ID	Title	Category (Class Sponsor	Funding Source	PI / Co-	Expended Rec This Period	eognition %	Recognition Amount
Wan, Y., I	PI; Fu, S., Co-PI; Electrical Engineering							
GF1724	EAGER: Aerial Communication Infrastructure for Sn Emergency Response	art Research 20	National Science Foundation	Federal	PI	\$3,333	50%	\$1,667
		Totals for Wan,Yan						\$31,634
Zhang,l	Hualiang							
GP6434	Metamaterials Inspired High Performance On-Chip Interconnects	Research 20	Semiconductor Research Corporation	Private	PI	\$3,871	100%	\$3,871
		Totals for Zhang,Hual	iang					\$3,871
		Totals for Electrical E	ngineering					\$56,169
Engineer	ring Technology							
Bostano	i,Huseyin							
GS6037	Planning for the Establishment of Systems Engineerin Initiative Teams at UNT	g Research 20	Texas A&M University - College Station	State	PI	-\$4	100%	(\$4)
		Totals for Bostanci,Hu	seyin					(\$4)
Huang,	Zhenhua							
Huang, Z.	, PI; Kougianos, E., Co-PI; Wang, S., Co-PI; En	ineering Technology						
GF1672	A New Interdisciplinary Technology Education Strate State-of-the-Art Wireless Sensor Networks	gy Using Research 20	National Science Foundation	Federal	PI	\$7,303	34%	\$2,483
		Totals for Huang,Zher	ıhua					\$2,483
Kougia	nos,Elias							
Kougiano	s, E., Co-PI; Huang, Z., PI; Wang, S., Co-PI; Eng	ineering Technology						
GF1672	A New Interdisciplinary Technology Education Strate State-of-the-Art Wireless Sensor Networks	gy Using Research 20	National Science Foundation	Federal	Co-PI	\$7,303	33%	\$2,410
		Totals for Kougianos,I	Elias					\$2,410
Nasraza	ndani,Seifollah							
GP6379	Development of New Accelerated Corrosion Test(s) for Aluminum Microchannel and Tube and Fin Heat Exc		American Society of Heating, Refrigeration and Air-conditioning Engineers(ASHRAE)		PI	\$18,316	100%	\$18,316
		Totals for Nasrazadan	i,Seifollah					\$18,316
Wang,S	huping							
Wang, S.,	Co-PI; Huang, Z., PI; Kougianos, E., Co-PI; Eng	gineering Technology						
GF1672	A New Interdisciplinary Technology Education Strate State-of-the-Art Wireless Sensor Networks		National Science Foundation	Federal	Co-PI	\$7,303	33%	\$2,410
		Totals for Wang,Shupi	ing					\$2,410

Project ID	Title	Category Class Sponsor	Funding Source	PI / Co-	Expended Rec This Period	cognition %	Recognition Amount
Yu,Che	ng						
GF1710	CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation	Research 20 National Science Foundation	Federal	PI	\$2,488	100%	\$2,488
GF1722	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research 20 National Science Foundation	Federal	PI	\$634	100%	\$634
GF1702	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research 20 National Science Foundation	Federal	PI	\$7,183	100%	\$7,183
GF1559	CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation	Research 20 National Science Foundation	Federal	PI	\$651	100%	\$651
		r Yu,Cheng					\$10,956
Zhang,I	Haifeng						
GF1729	GOALI: Collaborative Research: Energy Harvesting Nanorods- Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control	- Research 20 National Science Foundation	Federal	PI	\$3,602	100%	\$3,602
GF1662	GOALI: Collaborative Research: Self-Powered Dual-Mode Piezoelectric Resonant Pressure/Temperature Sensors for Oil and Gas Field Explorations	Research 20 National Science Foundation	Federal	PI	\$3,529	100%	\$3,529
	Totals fo	r Zhang,Haifeng					\$7,131
	Totals fo	r Engineering Technology					\$43,702
	s Science & Engineering						
,	Samir M						
	., PI; Young, M., Co-PI; Materials Science & Engineering		Endonal	PI	\$0	50%	\$0
GF1708	REU Site: Advanced Processing and Materials Characterization Totals for	r Aouadi,Samir M	Federal	PI	\$0	30%	\$0
Banerje	e,Rajarshi						Ψ
GF4240	DARPA Open Manufacturing: tiFAB - Phase II	Research 20 The Boeing Company	Federal	PI	\$9,102	100%	\$9,102
Office of	Grants and Contracts Administration, University of	North Texas		R	R Expenditures, Septo	ember FY201	6: Page 25 of 37

ID	Title	Category C	lass Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
GF2697	Characterizing the Distribution of Immiscible Solute Additions in Nanocrystalline Metals and Alloys	Research 20	U.S. Army	Federal	PI	\$2,979	100%	\$2,979
GF4163	Atomic Ordering in Alloy 690 and its Effect on Long-Term Structural Stability and Stress Corrosion Cracking Susceptibility	Research 20	Colorado School of Mines	Federal	PI	\$3,989	100%	\$3,989
3anerjee,	R., PI; Needleman, A., Co-PI; Scharf, T., Co-PI; Material	s Science & Eng	gineering; Wilson, A., Co-PI; Chemistry					
G72763	Institute for Science and Engineering Simulation	Research 20	Air Force Research Laboratory	Federal	PI	\$25,921	50%	\$12,960
GF4201	High Resolution Microscopy of Nickel Base Alloys	Research 20	UES, Inc.	Federal	PI	\$0	100%	\$0
GF1670	Non-Classical Precipitation Mechanisms in Titanium Alloys	Research 20	National Science Foundation	Federal	PI	\$3,959	100%	\$3,959
3anerjee,	R., Co-PI; Shepherd, N., PI; Dahotre, N., Co-PI; Needlen	nan, A., Co-PI; S	Srivilliputhur, S., Co-PI; Wang, Z., Co-F	I; Materials Sc	ience & E	Ingineering		
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20	National Science Foundation	Federal	Co-P	-\$1,966	20%	(\$393)
GF4241	Titanium Surface Oxidation Characterization	Research 20	Lockheed Martin Corporation	Federal	PI	\$3,734	100%	\$3,734
3anerjee,	R., PI; Srivilliputhur, S., Co-PI; Materials Science & Eng.	ineering						
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research 20	National Science Foundation	Federal	PI	\$3,277	50%	\$1,638
	Totals for	Banerjee,Raja	arshi					\$37,969
Brostow	,Witold Konrad							
GP6441	Plan of Work for the Encore Wire Corp. (EWC)	Research 20	Encore Wire	Private	PI	\$13,440	100%	\$13,440
GP6384	Development of New External Wire Coating Materials	Research 20	Encore Wire	Private	PI	\$959	100%	\$959
	Totals for	Brostow,Wito	old Konrad					\$14,399
Choi, Wo	onbong							
	PI; Materials Science & Engineering; Choi, W., PI; Mech	anical & Energy						
GP6339	3D Carbon Nanomaterials Towards High Efficiency Energy Storage	Research 20	Korea Institute of Science and Technology	Private	PI	\$9,241	100%	\$7,393
Choi, W.,	PI; Materials Science & Engineering; Choi, W., PI; Mech	anical & Energy	y Engineering					
GP6446	High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes	Research 20	Korea Institute of Energy Research	Private	PI	\$2,753	100%	\$2,202

Project ID	Title	Category Cl	lass	Sponsor	Funding Source	PI / Co-	Expended Rec This Period	cognition %	Recognition Amount
Choi, W.,	PI; Materials Science & Engineering; Choi, W., PI; Mech	anical & Energy	Engine	eering					
GF4168	A New Route Toward Systematic Control of Electronic Structures of Graphene and Fabrication of Graphene	Research 20	Florida	a International University	Federal	PI	-\$51	100%	(\$10)
	Totals for	Choi, Wonbon	g						\$9,584
Collins,	Peter Chancellor								
Collins, P	., Co-PI; Young, M., PI; Materials Science & Engineering								
GP6420	Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys	Research 20	Forgin	g Foundation	Private	Co-P	I \$404	30%	\$121
	Totals for	Collins,Peter	Chancel	lor					\$121
Dahotre	e,Narendra B								
Dahotre, l	N., Co-PI; Shepherd, N., PI; Needleman, A., Co-PI; Srivill	iputhur, S., Co-l	PI; Ban	erjee, R., Co-PI; Wang, Z., Co-PI	; Materials Sc	ience & I	Engineering		
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20	Nation	al Science Foundation	Federal	Co-P	T -\$1,966	5%	(\$98)
GF1545	Collaborative Research: Composite Surfacing of Amorphous Materials by Laser Interference Nanopatterning	Research 20	Natior	al Science Foundation	Federal	PI	\$55	100%	\$55
	Totals for	Dahotre,Nare	ndra B						(\$43)
D'souza	,Francis								
D'souza, I	F., PI; Materials Science & Engineering; D'souza, F., PI;	Chemistry							
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research 20	Nation	al Science Foundation	Federal	PI	\$3,249	100%	\$650
	Totals for	D'souza,Franc	cis						\$650
D'Souza	a,Nandika Anne								
D'Souza, I	N., Co-PI; Materials Science & Engineering; Dixon, R., P.	; Azad, R., Co-F	PI; Chei	a, F., Co-PI; Biology; Boyd, R., C	Co-PI; Teacher	· Educatio	on & Administration	n; D'Souza,	N., C
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$2,975	2%	\$59
D'Souza, i	N., PI; Materials Science & Engineering; D'Souza, N., PI;	Choi, T., Co-PI	; Mecha	ınical & Energy Engineering					
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	Research 20	Semic	onductor Research Corporation	Private	PI	\$4,606	50%	\$461
D'Souza, i	N., PI; Materials Science & Engineering; D'Souza, N., PI;	Tao, Y., Co-PI;	Prasad	, V., Co-PI; Mechanical & Energ	y Engineering				
GF1585	PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment	Research 20	Nation	al Science Foundation	Federal	PI	\$1,825	50%	\$183
	Totals for	D'Souza,Nand	lika Anı	ne					\$703
Du,Jinc	heng								
Du, J., Co	o-PI; Shepherd, N., PI; Materials Science & Engineering								
GF1630	Workfunction Modification of ZnO Anodes for Second Generation OLEDs	Research 20	Nation	al Science Foundation	Federal	Co-P	I \$1,768	50%	\$884

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended Ro This Period	ecognition %	Recognition Amount
GF2675	Molecular Dynamics-Based Simulations of Bulk/Interfacial Structures and Diffusion Behaviors in Nuclear Waste Glasses	Research 20	U.S. Department of Energy	Federal	PI	\$5,907	100%	\$5,907
GF1593	GOALI/Collaborative: Impact of Mixed Network Formers on the Structure and Properties of Oxide Glasses	e Research 20	National Science Foundation	Federal	PI	\$3,434	100%	\$3,434
Mishra,	Totals for Rajiv Sharan	Du,Jincheng						\$10,225
GF2698	Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructures	Research 20	U.S. Army	Federal	PI	\$10,098	100%	\$10,098
GF1605	NSF IUCRC: Friction Stir Processing	Research 20	National Science Foundation	Federal	PI	\$8,206	100%	\$8,206
Mishra, R	., PI; Mukherjee, S., Co-PI; Materials Science & Engineer	ring						
GF4256	Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems	Research 20	Materials & Electrochemical Research Corporation	Federal	PI	\$7,101	50%	\$3,551
Mishra, R	., Co-PI; Wang, Z., PI; Materials Science & Engineering							
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research 20	National Science Foundation	Federal	Со-Р	YI \$5,446	50%	\$2,723
GP6448	Membership Fees - IUCRC Friction Stir Processing	Research 20	Generic Pooled Sponsor	Private	PI	\$11,235	100%	\$11,235
Mishra, R	., PI; Mukherjee, S., Co-PI; Materials Science & Engineer	ing						
GF4257	Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors	Research 20	Materials & Electrochemical Research Corporation	Federal	PI	\$9,121	50%	\$4,561
GF4252	REL-Concept Development for Materials Discovery Apparatus (MDA)	Research 20	REL, Incorporated	Federal	PI	\$0	100%	\$0
GF1715	Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing	Research 20	National Science Foundation	Federal	PI	\$3,114	100%	\$3,114
GP6474	3-Inch Thick 7050-T7451 Friction Stir Weld Characterization Totals for	Research 20 Mishra,Rajiv	GKN Aerospace North America, Inc. Sharan	Private	PI	\$3,413	100%	\$3,413 \$46,900
Mukhei	ejee,Sundeep							

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended Red This Period	cognition %	Recognition Amount
Mukherje	e, S., Co-PI; Mishra, R., PI; Materials Science & Enginee	ring						
GF4257	Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors	Research 20	Materials & Electrochemical Research Corporation	Federal	Co-P	I \$9,121	50%	\$4,561
Mukherje	e, S., Co-PI; Mishra, R., PI; Materials Science & Enginee	ring						
GF4256	Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems	Research 20	Materials & Electrochemical Research Corporation	Federal	Co-P	I \$7,101	50%	\$3,551
GP6460	Heat Treatment of APS Aluminum Alloys	Research 20	Advanced Powder Solutions, Inc.	Private	PI	\$213	100%	\$213
	Totals fo	r Mukherjee,Su	ndeep					\$8,324
	nan,Alan							
	un, A., Co-PI; Shepherd, N., PI; Dahotre, N., Co-PI; Srivil	_					100/	(\$107)
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20	National Science Foundation	Federal	Co-P	I -\$1,966	10%	(\$197)
	ın, A., Co-PI; Banerjee, R., PI; Scharf, T., Co-PI; Materia							
G72763	Institute for Science and Engineering Simulation	Research 20	Air Force Research Laboratory	Federal	Co-P	I \$25,921	25%	\$6,480
Reidy I	Totals fo	r Needleman,Al	an					\$6,284
GP7630	Supercritical Processing of Nucleating Agents	Research 20	BLH Ecology Concepts	Private	PI	\$1,636	100%	\$1,636
GF4207	Atomically Precise Fabrication of Qubit Devices	Research 20	Zyvex Labs, LLC	Federal	PI	\$9,429	100%	\$9,429
	Totals fo	r Reidy III,Rich	ard F					\$11,065
Scharf,	Thomas W							
_	, Co-PI; Banerjee, R., PI; Needleman, A., Co-PI; Materia	_						
G72763	Institute for Science and Engineering Simulation	Research 20	Air Force Research Laboratory	Federal	Co-P	I \$25,921	12.5%	\$3,240
Shephe	Totals fo rd,Nigel Dexter	r Scharf,Thoma	is W					\$3,240
GP6449	Membership Fees: IUCRC Advanced Non-Ferrous Structural Alloys	Research 20	Generic Pooled Sponsor	Private	PI	\$3,357	100%	\$3,357
Shepherd,	, N., PI; Dahotre, N., Co-PI; Needleman, A., Co-PI; Srivil	liputhur, S., Co-I	PI; Banerjee, R., Co-PI; Wang, Z., Co-I	PI; Materials So	cience & E	Engineering		
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20	National Science Foundation	Federal	PI	-\$1,966	50%	(\$983)
Shepherd,	, N., PI; Du, J., Co-PI; Materials Science & Engineering							
GF1630	Workfunction Modification of ZnO Anodes for Second Generation OLEDs	Research 20	National Science Foundation	Federal	PI	\$1,768	50%	\$884

Project ID	Title	Category Class	s Sponsor	Funding Source	PI / Co-	Expended Re This Period	ecognition %	Recognition Amount
	Totals for	Shepherd,Nigel I)exter					\$3,258
Srivillip	outhur,Srinivasan G.							
Srivilliput	hur, S., Co-PI; Banerjee, R., PI; Materials Science & Eng	ineering						
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research 20 N	ational Science Foundation	Federal	Co-P	I \$3,277	50%	\$1,638
Srivilliput	thur, S., Co-PI; Shepherd, N., PI; Dahotre, N., Co-PI; Nee	dleman, A., Co-PI;	Banerjee, R., Co-PI; Wang, Z., Co-I	PI; Materials Sc	rience & E	Engineering		
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20 N	ational Science Foundation	Federal	Co-P	I -\$1,966	10%	(\$197)
	Totals for	Srivilliputhur,Sri	nivasan G.					\$1,442
Wang,Z	Chiqiang							
Wang, Z.,	PI; Mishra, R., Co-PI; Materials Science & Engineering							
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research 20 N	ational Science Foundation	Federal	PI	\$5,446	50%	\$2,723
Wang, Z.,	Co-PI; Shepherd, N., PI; Dahotre, N., Co-PI; Needleman,	A., Co-PI; Srivillip	outhur, S., Co-PI; Banerjee, R., Co-I	PI; Materials Sc	rience & E	Engineering		
GF1587	I/UCRC: Advanced Non-Ferrous Structural Alloys	Research 20 N	ational Science Foundation	Federal	Co-P	I -\$1,966	5%	(\$98)
	Totals for	Wang,Zhiqiang						\$2,625
Xia,Zhe	enhai							
Xia, Z., P.	I; Materials Science & Engineering; Xia, Z., PI; Chemistry	,						
GF1659	Collaborative Research: Multifunctional Nanocomposities with Reversible Switch and Controlled Release Surfaces	Research 20 N	ational Science Foundation	Federal	PI	\$3,393	100%	\$2,714
Xia, Z., P.	I; Materials Science & Engineering; Xia, Z., PI; Chemistry	,						
GF4147	Nanofabrication of Tunable 3D Nanotube Architectures	Research 20 C	ase Western Reserve University	Federal	PI	\$9,291	100%	\$7,432
	Totals for	Xia,Zhenhai						\$10,146
Young,	Marcus Lynn							
Young, M	., PI; Collins, P., Co-PI; Materials Science & Engineering							
GP6420	Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys	Research 20 F	orging Foundation	Private	PI	\$404	70%	\$283
GP6483	Fundamental Studies On Precipitation And Transformation Temperatures In NiTiZr High Temperature Shape Memory Allo		llegheny Technologies Inc.	Private	PI	\$646	100%	\$646
Young, M	., Co-PI; Aouadi, S., PI; Materials Science & Engineering	; Aouadi, S., PI; Ph	ysics					
GF1708	REU Site: Advanced Processing and Materials Characterization	Research 20 N	ational Science Foundation	Federal	Co-P	I \$0	50%	\$0
GP6400	Mechanical Testing, Steel Microstructure, Tensile Testing, Oil & Gas Applications	Research 20 H	alliburton	Private	PI	\$389	100%	\$389

Project ID	Title	Category C	lass Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
	Totals	for Young,Marcu	s Lynn					\$1,318
	Totals	for Materials Sci	ence & Engineering					\$168,209
Mechan	ical & Energy Engineering							
Choi,T	ae-Youl							
Choi, T.,	Co-PI; D'Souza, N., PI; Mechanical & Energy Engineer	ing; D'Souza, N., I	PI; Materials Science & Engineering					
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	n Research 20	Semiconductor Research Corporation	Private	Co-PI	\$4,606	50%	\$2,303
	Totals	for Choi, Tae-You	ıl					\$2,303
Choi,W	Tonbong							
Choi, W.,	PI; Mechanical & Energy Engineering; Choi, W., PI; M	laterials Science &	Engineering					
GP6339	3D Carbon Nanomaterials Towards High Efficiency Energy Storage	Research 20	Korea Institute of Science and Technology	y Private	PI	\$9,241	100%	\$1,848
Choi, W.,	PI; Mechanical & Energy Engineering; Choi, W., PI; M	aterials Science &	Engineering					
GF4168	A New Route Toward Systematic Control of Electronic Structures of Graphene and Fabrication of Graphene	Research 20	Florida International University	Federal	PI	-\$51	100%	(\$41)
Choi, W.,	PI; Mechanical & Energy Engineering; Choi, W., PI; M	laterials Science &	Engineering					
GP6446	High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes	Research 20	Korea Institute of Energy Research	Private	PI	\$2,753	100%	\$551
	Totals	for Choi, Wonbor	g					\$2,358
D'Souz	a,Nandika Anne							
D'Souza,	N., PI; Choi, T., Co-PI; Mechanical & Energy Engineer	ing; D'Souza, N., I	PI; Materials Science & Engineering					
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	n Research 20	Semiconductor Research Corporation	Private	PI	\$4,606	50%	\$1,842
D'Souza,	N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical of	& Energy Engineer	ing; D'Souza, N., PI; Materials Science	e & Engineering				
GF1585	PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunction Bioproducts for the Built Environment	Research 20	National Science Foundation	Federal	PI	\$1,825	50%	\$730
D'Souza,	N., Co-PI; Mechanical & Energy Engineering; Dixon, F	., PI; Azad, R., Co	-PI; Chen, F., Co-PI; Biology; Boyd, R	., Co-PI; Teach	er Educati	ion & Administrati	ion; Azad, R	., <i>Co</i>
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research 20	National Science Foundation	Federal	Co-PI	\$2,975	8%	\$238
	Totals	for D'Souza,Nan	lika Anne					\$2,810
John,K	uruvilla							
John, K.,	Co-PI; Mechanical & Energy Engineering; Oppong, J.,	PI; Briggle, A., Co	o-PI; Philosophy & Religion Studies; W	Vilson, A., Co-PI	; Chemisti	ry		
GF1675	Gaming Graduate Ethics Education in Science & Engineerin	g Research 20	National Science Foundation	Federal	Co-PI	\$3,024	10%	\$302
GP6403	North Texas Ozone Attainment Initiative Study	Research 20	Downwinders at Risk Educational Foundation (DAREF)	Private	PI	\$3,402	100%	\$3,402

Project ID	Title	Category Cl	ass Sponsor	Funding Source	PI / Co-	Expended Ro This Period	ecognition %	Recognition Amount
GS6030	Corpus Christi Ozone Near Non-Attainment Area Air Quality Monitoring Activities (2014-2015)	Research 20	City of Corpus Christi	State	PI	\$1,755	100%	\$1,755
	Totals for	John,Kuruvill	a					\$5,459
Prasad,	Vishwanath							
Prasad, V.	., Co-PI; D'Souza, N., PI; Tao, Y., Co-PI; Mechanical & E	Energy Engineeri	ng; D'Souza, N., PI; Materials Scienc	ce & Engineering				
GF1585	PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment	Research 20	National Science Foundation	Federal	Co-P	\$1,825	25%	\$456
	Totals for	Prasad,Vishwa	anath					\$456
Tao,Yo	ng Xin							
Tao, Y., C	o-PI; D'Souza, N., PI; Prasad, V., Co-PI; Mechanical & E	Energy Engineeri	ng; D'Souza, N., PI; Materials Scienc	ce & Engineering				
GF1585	PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment	Research 20	National Science Foundation	Federal	Co-Pl	\$1,825	25%	\$456
GF1667	RCN-SEES: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE)	Research 20	National Science Foundation	Federal	PI	\$7,192	100%	\$7,192
GF2691	Dynamic Behavior and Failure of Advanced High-Performance Structural Materials	Research 20	U.S. Army Corps of Engineers	Federal	PI	\$1,274	100%	\$1,274
Tao, Y., P.	I; Yu, X., Co-PI; Mechanical & Energy Engineering							
GF2684	Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation	Research 20	Sandia National Laboratory	Federal	PI	\$2,315	50%	\$1,157
	Totals for	Tao,Yong Xin						\$10,079
Yu,Xun								
Yu, X., Со	-PI; Tao, Y., PI; Mechanical & Energy Engineering							
GF2684	Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation	Research 20	Sandia National Laboratory	Federal	Co-P	\$2,315	50%	\$1,157
	Totals for							\$1,157
	Totals for	Mechanical &	Energy Engineering					\$24,623
	Totals for	College of Eng	ineering					\$408,582
College o	of Information							
Learning	Technologies							

Project ID	Title	Category Cl	ass	Sponsor	Funding Source	PI / Co-	Expended Re This Period	cognition %	Recognition Amount
Christense	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Lea	rning Technolog	ies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research 20	Univers	sity of Hawaii	Private	Co-Pl	\$2,394	33%	\$790
Christense	en, R., Co-PI; Tyler-Wood, T., PI; Knezek, G., Co-PI; Lea	rning Technolog	ies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research 20	Nationa	ll Science Foundation	Federal	Co-Pl	\$2,529	33%	\$835
Christense	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Lea	rning Technolog	ies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research 20	Nationa	d Science Foundation	Federal	Co-P	\$9,843	33%	\$3,248
	Totals for	Christensen,R	honda R						\$4,873
Knezek,	Gerald								
Knezek, G	., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Lean	rning Technolog	ies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research 20	Nationa	d Science Foundation	Federal	PI	\$9,843	34%	\$3,346
Knezek, G	., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Lean	rning Technolog	ies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research 20	Univers	ity of Hawaii	Private	PI	\$2,394	34%	\$814
Knezek, G	., Co-PI; Tyler-Wood, T., PI; Christensen, R., Co-PI; Lean	rning Technolog	ies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research 20	Nationa	ll Science Foundation	Federal	Co-Pl	\$2,529	33%	\$835
	Totals for	Knezek,Geral	d						\$4,995
Tyler-W	Jood,Tandra L								
Tyler-Woo	od, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Lean	rning Technolog	ies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research 20	Nationa	ll Science Foundation	Federal	PI	\$2,529	34%	\$860
GF4226	Exploring STEM Learning Options: A Postdoctoral Fellowship Award	Research 20	Baton I	Rouge Area Foundation	Federal	PI	\$5,156	100%	\$5,156
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Lea	rning Technologi	ies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research 20	Nationa	d Science Foundation	Federal	Co-Pl	\$9,843	33%	\$3,248
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Lea	rning Technologi	ies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research 20	Univers	sity of Hawaii	Private	Co-P	\$2,394	33%	\$790
	Totals for	Tyler-Wood,T	`andra L						\$10,054

Project ID	Title	Categor	y Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
	Totals	for Learning	g Technologi	es					\$19,921
Library (& Information Sciences								
Carage	a,Cornelia Alexandra								
Caragea,	C., PI; Library & Information Sciences; Caragea, C.,	PI; Tarau, P., O	Co-PI; Com	puter Science & Engineering					
GF1703	III: Small: Collaborative Research: Keyphrase Extraction Document Networks	n Research	20 Natio	nal Science Foundation	Federal	PI	\$11,84	9 70%	\$1,659
Caragea,	C., PI; Library & Information Sciences; Caragea, C.,	PI; Computer S	Science & E	ngineering					
GF1700	TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing	Research	20 Natio	nal Science Foundation	Federal	PI	\$6,44	8 100%	\$1,290
	Totals	for Caragea	,Cornelia Al	exandra					\$2,948
Chen,Ji	iangping								
GF2670	National Leadership Grant 2013: Effective and Efficient Multilingual Information Access to Digital Collections	Research	20 Institu	ute of Museum and Library Services	Federal	PI	\$5,15	100%	\$5,154
	Totals	for Chen,Jia	ngping						\$5,154
West,R	uth								
West, R.,	PI; Library & Information Sciences; West, R., PI; CoV	AD-Division O	f Studio						
GF1668	NSF RI Large Collaborative Research: ImageQuest: Citizen Advancing Biology with Calibrated Imaging and Validated Analysis	Research	20 Natio	nal Science Foundation	Federal	PI	\$1,50	100%	\$900
	Totals	for West,Ru	th						\$900
	Totals	for Library	& Informati	on Sciences					\$9,002
Library o	and Information Science								
West,R	uth								
West, R.,	PI; Library and Information Science; West, R., PI; CoV	AD-Division (Of Studio						
GF1658	CGV: Medium: Collaborative Research: Developing Conce Models for Navigation, Marking, and Inspection in the Con of 3D Image Segmentation"		20 Natio	nal Science Foundation	Federal	PI	\$1,02	2 60%	\$613
	Totals	for West,Ru	th						\$613
	Totals	for Library	and Informa	ation Science					\$613
Linguist	ics								
Chellia	h,Shobhana L								
GF1613	Lamkang Lexical Database and Online Dictionary (LMK)	Research	20 Natio	nal Science Foundation	Federal	PI	\$1,14	9 100%	\$1,149
	Totals	for Chelliah	Shobhana L	•					\$1,149
Munshi	i,Sadaf								
Office of	f Grants and Contracts Administration, University	of North Tex	as			R	RR Expenditures,	September FY201	6: Page 34 of 37

Project ID	Title	Category C	lass Sponsor	Funding Source	PI / Co-	Expended Rec This Period	ognition %	Recognition Amount
GF1541	Archive of Annotated Burushaski Texts	Research 20	National Science Foundation	Federal	PI	\$1,793	100%	\$1,793
		Totals for Munshi,Sada	f					\$1,793
		Totals for Linguistics						\$2,942
		Totals for College of Inf	ormation					\$32,479
_	of Public Affairs & Community Service dministration							
Dash,N	icole							
Dash, N.,	Co-PI; Webb, G., PI; Public Administration							
GF1693	An Exploratory Study of Disaster Preparedness am American Communities in the United States	ong Native Research 20	National Science Foundation	Federal	Co-P	I \$2,060	50%	\$1,030
		Totals for Dash,Nicole						\$1,030
Webb,0	Gary R							
Webb, G.,	PI; Dash, N., Co-PI; Public Administration							
GF1693	An Exploratory Study of Disaster Preparedness am American Communities in the United States	ong Native Research 20	National Science Foundation	Federal	PI	\$2,060	50%	\$1,030
		Totals for Webb, Gary F						\$1,030
		Totals for Public Admin	istration					\$2,060
Rehabili	tation, Social Work & Addictions							
Brooks,	Jessica Marie							
GP6473	Self-Determination, Vocational Rehabilitation Eng Recovery from Consumers' Perspective: A Mixed-I Study		Hogg Foundation for Mental Health	Private	PI	\$362	100%	\$362
		Totals for Brooks,Jessic	a Marie					\$362
		Totals for Rehabilitation	n, Social Work & Addictions					\$362
Speech &	& Hearing Sciences							
Amlani	Amyn M							
GP6454	Perceptual Segmentation Study	Research 20	Unitron	Private	PI	\$2,723	100%	\$2,723
GP6358	Dementia and Hearing Aids	Research 20	Unitron	Private	PI	\$86	100%	\$86
		Totals for Amlani, Amyr	n M					\$2,809
Aoyama	a,Katsura							

Project ID	Title	Category Class Sponsor	Funding Source	PI / Co-	Expended Reco	ognition %	Recognition Amount
Aoyama, I	K., Co-PI; Schafer, E., PI; Speech & Hearing S	Sciences					
GP6418	Effects of Nonlinear Frequency Compression on Polindividuals Who Speak Mandarin Chinese and have Loss		Private	Co-PI	I \$792	20%	\$158
		Totals for Aoyama, Katsura					\$158
Schafer	Erin Cheri,						
Schafer, E	E., PI; Aoyama, K., Co-PI; Speech & Hearing S	Sciences					
GP6418	Effects of Nonlinear Frequency Compression on Polindividuals Who Speak Mandarin Chinese and have Loss		Private	PI	\$792	80%	\$633
		Totals for Schafer, Erin Cheri					\$633
		Totals for Speech & Hearing Sciences					\$3,601
		Totals for College of Public Affairs & Community Service					\$6,022
College	of Visual Arts And Design						
CoVAD-	Division Of Studio						
West,Ri	uth						
West. R	PI; CoVAD-Division Of Studio; West, R., PI; L	Library & Information Sciences					
GF1668	NSF RI Large Collaborative Research: ImageQuest Advancing Biology with Calibrated Imaging and V Analysis	t: Citizens Research 20 National Science Foundation	Federal	PI	\$1,500	100%	\$600
West, R.,	PI; CoVAD-Division Of Studio; West, R., PI; L	ibrary and Information Science					
GF1658	CGV: Medium: Collaborative Research: Developin Models for Navigation, Marking, and Inspection in of 3D Image Segmentation"	ng Conceptual Research 20 National Science Foundation	Federal	PI	\$1,022	40%	\$409
		Totals for West,Ruth					\$1,009
		Totals for CoVAD-Division Of Studio					\$1,009
		Totals for College of Visual Arts And Design					\$1,009
Internat	ional Studies & Programs						
UNT Int	ernational-Comm Outreac						
Carran	za,Gabriel						
	. G., Co-PI; UNT International-Comm Outreac	··· Acevedo. M. Pl: Electrical Engineering					
GF4254	Global Research and Education Initiative on Susta Desalination Technology		Federal	Co-Pl	\$1,372	50%	\$686
		Totals for Carranza, Gabriel					\$686
		Totals for UNT International-Comm Outreac					\$686
		Totals for International Studies & Programs					\$686
Dlannine	g & Institutional Research						

Project ID	Title	Category (Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
AVP Pla	anning & Inst Research								
Simon,	Jason Foster								
Simon, J.	, Co-PI; AVP Planning & Inst Research; Chen, P., Pl	; Counseling & High	her Educe	ation					
GP6478	What Does Direct Evidence Via Card Swipe Tell Us Abort Student Engagement and Retention?: A Study of the Engagement Research Index Project	ut Research 20		A-Student Affairs Administrators in Education	Private	Co-l	PI \$12	1 50%	\$61
	Tot	als for Simon,Jason	Foster						\$61
	Tot	als for AVP Plannin	ng & Inst	Research					\$61
	Tot	als for Planning & l	Institution	nal Research					\$61
Provost	& VP Academic Affairs								
Toulous	se Graduate School								
Oppon	g,Joseph R								
GF1723	NSF Graduate Research Fellowship-Natalie Parde	Research 20	Nation	al Science Foundation	Federal	PI	\$9,74	4 100%	\$9,744
GF1725	NSF Graduate Research Fellowship-Kate Lester	Research 20	Nation	al Science Foundation	Federal	PI	\$5,00	8 100%	\$5,008
GF1632	Graduate Research Fellowship Award for Jody Huddlesto	n Research 20	Nation	al Science Foundation	Federal	PI	\$1,45	5 100%	\$1,455
GF1633	Graduate Research Fellowship Award for Jessica Rimsza	Research 20	Nation	al Science Foundation	Federal	PI	\$9,74	4 100%	\$9,744
	Tot	als for Oppong,Jose	eph R						\$25,952
	Tot	als for Toulouse Gr	aduate Sc	chool					\$25,952
	Tot	als for Provost & V	P Academ	nic Affairs					\$25,952
	Tot	als for UNT							\$992,832
	То	tal for Septemb	er FY20	016:					\$992,832