Annual Expenditures Report for Fiscal Year 2019

Office of Grants and Contracts, University of North Texas

				<u>Download Data</u>
Expenditures Total by College		YTD FY2018		YTD FY2019
College of Business	\$	565,207	\$	372,862
College of Education	\$	2,880,454	\$	2,579,849
College of Engineering	\$	10,262,844	\$	8,919,071
College of Health & Public Service (prev. PACS)	\$	1,761,218	\$	1,857,671
College of Information	\$	821,563	\$	775,359
College of Liberal Arts & Social Sciences	\$	2,911,695	\$	2,400,181
College of Merchandising Hospitality and Tourism	\$	155,007	\$	181,412
College of Music	\$	-	\$	16,173
College of Science	\$	8,151,410	\$	8,868,865
College of Visual Arts and Design	\$	57,814	\$	4,394
Mayborn School of Journalism	\$	12,408	\$	800
<u>Other</u>	\$	2,850,719	\$	2,788,029
Grand Total:	\$	30,430,338	\$	28,764,666
Expenditures Total by Category				
Instruction	\$	3,279,680	\$	2,386,229
Research	\$	22,609,256	\$	21,630,079
Public Service	\$	4,541,402	\$	4,748,358
Grand Total:	\$	30,430,338	\$	28,764,666
E-man distring Total by Course of Fronting				
Expenditures Total by Source of Funding				
Federal	\$	24,625,562	\$	22,321,960
Private	\$	4,215,051	\$	4,976,962
State	\$	1,589,725	۶ \$	1,465,744
Grand Total:	ې \$	30,430,338	۶ \$	28,764,666
Granu Total:	Ψ	30,430,338	Ψ	40,704,000

Note: "Other" Colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity. 2 "Other" categories include Academic Support, Student Services, Institutional Support, Scholarships and Fellowships

Annual Expenditures, FY201	19
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Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
UNT								
College	of Business							
Finance	, Insurance, Real Estate & Law							
Staff,Ma	arcia J							
GP20033	University of North Texas (UNT) Risk Management & Insurance Grant for Veterans	Public Service	Insurance Industry Charitable Foun IICF	ndation- Priv	vate PI	\$16,972	2 100%	\$16,972.17
	Totals for	Staff,Marcia J						\$16,972.17
	Totals for	Finance, Insurance	e, Real Estate & Law					\$16,972.17
Informa	tion Technology & Decision Science							
Kim,Da	n Jong							
Kim, D.,	Co-PI; Information Technology & Decision Science; Dantu,	R., PI; Computer S	cience & Engineering; Hawamdeh,	S., Co-PI; In	formation	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Fed	eral Co-Pl	-\$4,198	3 25%	(\$1,049.54)
Kim, D.,	Co-PI; Information Technology & Decision Science; Hawan	ndeh, S., Co-PI; Info	ormation Science; Dantu, R., PI; Co	omputer Scien	ice & Engi	ineering		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Fed	leral Co-Pl	\$5,059	25%	\$1,264.63
Kim, D.,	Co-PI; Information Technology & Decision Science; Dantu,	R., PI; Computer S	cience & Engineering; Hawamdeh,	S., Co-PI; In	formation	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Fed	leral Co-Pl	\$35,218	3 25%	\$8,804.38
Kim, D.,	Co-PI; Information Technology & Decision Science; Hawan	ndeh, S., Co-PI; Info	formation Science; Dantu, R., PI; Co	omputer Scien	ice & Engi	ineering		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Fed	eral Co-Pl	\$29,763	3 25%	\$7,440.79
GF70029	Export Controlled, title removed	Instruction	National Security Agency	Fed	eral PI	\$88,720	5 100%	\$88,725.73
	Totals for	Kim,Dan Jong						\$105,185.99
	Totals for	, 3	ology & Decision Science					\$105,185.99
Marketii	ng & Logistics		<u> </u>					
Bomba,	Michael Stephen A., Co-PI; Nowicki, D., PI; Marketing & Logistics; Carroll,	M., Co-PI; Econom	ics; Nowicki, D., PI; Engineering T	Technology				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportatio		leral Co-Pl	\$70,317	7 50%	\$35,158.46
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Bomba, M	f., Co-PI; Nowicki, D., PI; Marketing & Logistics; Nowic	ki, D., PI; Engineering	Technology; Carroll, M., Co-PI; Ec	conomics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Fede	ral Co-PI	\$206,884	50%	\$103,442.01
	Totals f	or Bomba,Michael Ste	phen					\$138,600.47
	,David Richard D., PI; Bomba, M., Co-PI; Marketing & Logistics; Carro	ll, M., Co-PI; Economi	cs; Nowicki, D., PI; Engineering Tec	chnology				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Fede	ral PI	\$70,317	40%	\$28,126.76
Nowicki,	D., PI; Bomba, M., Co-PI; Marketing & Logistics; Nowic	ki, D., PI; Engineering	Technology; Carroll, M., Co-PI; Ec	conomics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Fede	ral PI	\$206,884	40%	\$82,753.61
	Totals f	or Nowicki,David Rick	nard					\$110,880.37
Sauser,F	Brian Joseph							
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Priva	ite PI	\$1,223	100%	\$1,222.60
	Totals f	or Sauser,Brian Josep	h					\$1,222.60
	Totals f	or Marketing & Logis	tics					\$250,703.44
	Totals f	or College of Business						\$372,861.59
College	of Education							
Autism (Center							
Callahaı	n,Kevin John							
GA00007	A+HIPPY: A Statewide Autism Parent Training Collaboration	Public Service	Texas Higher Education Coordinating Board	g Othe	r PI	\$79,056	100%	\$79,056.38
GA00007	A+HIPPY: A Statewide Autism Parent Training Collaboration	Public Service	Texas Higher Education Coordinating Board	g State	PI	\$120,084	100%	\$120,083.77
Callahan,	K., Co-PI; Autism Center; Boesch, M., Co-PI; Combes,	B., Co-PI; Mehta, S., F	PI; Educational Psychology					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Fede	ral Co-PI	\$7,811	13.33%	\$1,041.24
Callahan,	K., Co-PI; Autism Center; Mehta, S., PI; Boesch, M., Co	o-PI; Combes, B., Co-F	I; Educational Psychology					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Fede	ral Co-PI	\$75,793	13.33%	\$10,103.23
Callahan,	K., Co-PI; Autism Center; Mehta, S., PI; Combes, B., Co	o-PI; Boesch, M., Co-F	I; Educational Psychology					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Fede	ral Co-PI	\$32,281	13.33%	\$4,303.01
	Totals f	or Callahan,Kevin Joh	nn					\$214,587.63
Middlen	niss,Wendy							
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Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Middlemi	ss, W., Co-PI; Nichols, S., PI; Autism Center								
GA00008	Autism Grant Program - Parent-Directed Treatment		Public Service	Texas Higher Education Coordinating Board	Other	Co-PI	\$10,299	50%	\$5,149.43
Middlemi	ss, W., Co-PI; Nichols, S., PI; Autism Center								
GA00008	Autism Grant Program - Parent-Directed Treatment		Public Service	Texas Higher Education Coordinating Board	State	Co-PI	\$30,740	50%	\$15,370.15
		Totals for	Middlemiss, Wendy						\$20,519.58
	Susan Marie S., PI; Middlemiss, W., Co-PI; Autism Center								
GA00008	Autism Grant Program - Parent-Directed Treatment		Public Service	Texas Higher Education Coordinating Board	Other	PI	\$10,299	50%	\$5,149.43
Nichols, S	S., PI; Middlemiss, W., Co-PI; Autism Center								
GA00008	Autism Grant Program - Parent-Directed Treatment		Public Service	Texas Higher Education Coordinating Board	State	PI	\$30,740	50%	\$15,370.15
		Totals for	Nichols,Susan Marie						\$20,519.58
		Totals for	Autism Center						\$255,626.78
Counsel	ing & Higher Education								
Bower,B	Beverly								
GP20053	Council for the Study of Community Colleges		Public Service	Council for the Study of Community Colleges	Privat	e PI	\$8,509	100%	\$8,508.80
		Totals for	Bower,Beverly						\$8,508.80
	ght,Angie ht, A., PI; Ceballos, P., Co-PI; Counseling & His	gher Educat	tion; Carey, C., Co-Pl	; Disability & Addiction Rehabilitati	on				
GF10000	Expanding Cultural and Linguistically Appropriate S Integrated Care and Behavioral Health Settings	ervices into	Public Service	Health Resources & Service Administra	ntion Federa	al PI	\$44,435	50%	\$22,217.67
Cartwrigh	ht, A., PI; Counseling & Higher Education; Care	y, C., Co-P.	I; Disability & Addict	ion Rehabilitation					
GS00014	Cultural and Linguistic Awareness Support Services Counseling (UNT-CLASSIC)	in	Instruction	Texas Higher Education Coordinating Board	State	PI	\$35,095	50%	\$17,547.48
		Totals for	Cartwright,Angie						\$39,765.15
	s,Peggy Lorena P., Co-PI; Cartwright, A., PI; Counseling & Hig	gher Educat	ion; Carey, C., Co-Pl	; Disability & Addiction Rehabilitation	on				
GF10000	Expanding Cultural and Linguistically Appropriate S Integrated Care and Behavioral Health Settings	ervices into	Public Service	Health Resources & Service Administra	ntion Federa	al Co-PI	\$44,435	25%	\$11,108.84
Ceballos,	P., Co-PI; Wilson, A., PI; Counseling & Higher	Education;	Carey, C., Co-PI; Di	sability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate S Integrated Care and Behavioral Health Settings	ervices into	Public Service	Health Resources & Service Administra	ntion Federa	al Co-PI	\$271,596	25%	\$67,898.96
Ceballos,	P., Co-PI; Lindo, N., Co-PI; Ray, D., PI; Couns	eling & Hig	her Education						
GP20039	Play for the Future: Linking Mental Health to Acade Achievement for Young Children	mic	Research	Hogg Foundation for Mental Health	Privat	e Co-PI	\$39,931	25%	\$9,982.75
Office of	f Grants and Contracts Administration Univ	orgity of N	Lorth Towas				Annual	Frnenditures FY	2019: Page 3 of 116

Project ID	Title	Category	Sponsor	Funding Source		-	Recognition %	Recognition Amount
Ceballos,	P., Co-PI; Ray, D., PI; Lindo, N., Co-PI; Counseling & Hiş	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	e Co-PI	\$84,596	25%	\$21,148.98
	Totals for	Ceballos,Peggy Lore	ena					\$110,139.53
Lember	ger-truelove,Matthew Eugene							
GP30015	Enhancing Early Childhood Instruction to Support Children's Sel Regulation, Executive Functioning, and Readiness to Learn	f- Research	University of New Mexico	Private	e PI	\$9,097	100%	\$9,096.74
	Totals for	Lemberger-truelove	Matthew Eugene					\$9,096.74
-	atalya Ann Co-PI; Ceballos, P., Co-PI; Ray, D., PI; Counseling & Hiş	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	e Co-PI	\$39,931	25%	\$9,982.75
Lindo, N.,	Co-PI; Ray, D., PI; Ceballos, P., Co-PI; Counseling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	c Co-PI	\$84,596	25%	\$21,148.98
	Totals for	Lindo,Natalya Ann						\$31,131.73
Prosek,I	Elizabeth Ann							
GF40062	Denton County Veterans Treatment Court Program	Public Service	Denton County	Federa	1 PI	\$45,511	100%	\$45,511.22
	Totals for	Prosek,Elizabeth An	n					\$45,511.22
Ray, Dea Ray, D., F	$oxed{nne C}$ PI; Ceballos, P., Co-PI; Lindo, N., Co-PI; Counseling & Hi $_{ ext{N}}$	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	e PI	\$106,322	50%	\$53,160.90
Ray, D., F	PI; Lindo, N., Co-PI; Ceballos, P., Co-PI; Counseling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	e PI	\$18,205	50%	\$9,102.57
	Totals for	Ray,Deanne C						\$62,263.47
-	Angie Denise ., PI; Ceballos, P., Co-PI; Counseling & Higher Education,	Carey, C., Co-PI; D	isability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administra	tion Federa	l PI	\$271,596	50%	\$135,797.92
Wilson, A	., PI; Counseling & Higher Education; Carey, C., Co-PI; D	isability & Addiction	Rehabilitation					
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	\$126,300	50%	\$63,150.18
	Totals for	Wilson,Angie Denise						\$198,948.10
	Totals for	Counseling & Highe	r Education					\$505,364.73
Educatio	onal Psychology							

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	-	Recognition %	Recognition Amount
,	Miriam Chacon		v V C- Di Antion Contro				
GF0614	f., Co-PI; Combes, B., Co-PI; Mehta, S., PI; Educational Ps Project STArT: Systematic Training of Autism Teachers	ycnology; Callanai Instruction	U.S. Department of Education	Federal Co-PI	\$7,811	13.33%	\$1,041.24
				rederar Co-11	\$7,011	13.3370	\$1,041.24
	f., Co-PI; Mehta, S., PI; Combes, B., Co-PI; Educational Ps			Endamal Co DI	¢100 074	12 220/	\$14.406.22
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Federal Co-PI	\$108,074	13.33%	\$14,406.23
Cambas	Totals for	Boesch,Miriam Ch	acon				\$15,447.48
	,Bertina H B., PI; Mehta, S., Co-PI; Educational Psychology						
GF0609	Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships	Instruction	U.S. Department of Education	Federal PI	\$1,500	67%	\$1,005.00
Combes, I	B., Co-PI; Boesch, M., Co-PI; Mehta, S., PI; Educational Ps	ychology; Callahai	n, K., Co-PI; Autism Center				
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Federal Co-PI	\$7,811	13.34%	\$1,042.02
Combes, I	B., Co-PI; Mehta, S., PI; Boesch, M., Co-PI; Educational Ps	ychology; Callahar	n, K., Co-PI; Autism Center				
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Federal Co-PI	\$108,074	13.34%	\$14,417.04
	Totals for	Combes,Bertina H					\$16,464.06
Frosch,	Cynthia Ann						
GP30009	The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts	Research	Columbia University	Private PI	\$63,404	100%	\$63,403.62
	Totals for	Frosch,Cynthia An	ın				\$63,403.62
Hull, Da	rrell Co-PI; Jacobson, A., Co-PI; Middlemiss, W., PI; Educationa	al Psychology					
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commissio	n Federal Co-PI	-\$12,843	0%	\$0.00
Hull, D.,	Co-PI; Middlemiss, W., PI; Jacobson, A., Co-PI; Educationa	al Psychology					
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commissio	n Federal Co-PI	\$22,513	0%	\$0.00
Hull, D.,	Co-PI; Middlemiss, W., PI; Educational Psychology						
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commissio	n Federal Co-PI	\$440,103	20%	\$88,020.51
	Totals for	Hull,Darrell					\$88,020.51
	n,Arminta Lee A., Co-PI; Hull, D., Co-PI; Middlemiss, W., PI; Educationa	al Psychology					
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commissio	n Federal Co-PI	-\$12,843	50%	(\$6,421.46)
Jacobson,	A., Co-PI; Middlemiss, W., PI; Hull, D., Co-PI; Educationa	ıl Psychology					
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commissio	n Federal Co-PI	\$22,513	50%	\$11,256.53
	Totals for	Jacobson,Arminta	Lee				\$4,835.08
Mehta,S		,					, -

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Mehta, S.,	, Co-PI; Combes, B., PI; Educational Psychology							
GF0609	Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships	Instruction	U.S. Department of Education	Feder	ral Co-PI	\$1,500	33%	\$495.00
Mehta, S.,	, PI; Boesch, M., Co-PI; Combes, B., Co-PI; Education	nal Psychology; Callahan	, K., Co-PI; Autism Center					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Feder	al PI	\$83,604	60%	\$50,162.65
Mehta, S.,	, PI; Combes, B., Co-PI; Boesch, M., Co-PI; Education	nal Psychology; Callahan	n, K., Co-PI; Autism Center					
GF0614	Project STArT: Systematic Training of Autism Teachers	Instruction	U.S. Department of Education	Feder	al PI	\$32,281	60%	\$19,368.38
	Totals	s for Mehta,Smita						\$70,026.02
	niss,Wendy ss, W., PI; Hull, D., Co-PI; Jacobson, A., Co-PI; Educo	ational Psychology						
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commission	n Feder	al PI	\$15,096	50%	\$7,548.20
Middlemis	ss, W., PI; Jacobson, A., Co-PI; Hull, D., Co-PI; Educc	ational Psychology						
GF40065	Texas HIPPYCorps	Public Service	OneStar National Service Commission	n Feder	al PI	-\$5,426	50%	(\$2,713.12
Middlemis	ss, W., PI; Hull, D., Co-PI; Educational Psychology							
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	n Feder	al PI	\$440,103	80%	\$352,082.04
GF40109	Texas HIPPYCorps Initiative	Public Service	OneStar National Service Commission	n Feder	al PI	\$7,781	100%	\$7,781.20
	Totals	s for Middlemiss,Wendy						\$364,698.32
	Totals	s for Educational Psycho	ology					\$622,895.08
Kinesiolo	ogy, Health Promotion, & Recreation							
	1,Erin Marie kellogg E., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesio	ology, Health Promotion,	. & Recreation; Mcfarlin, B., PI; Vin	gren, J., Co-l	PI; Biolog	gical Sciences		
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerat Consumption of an IminoSugar Supplement?	ted by Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$5,187	10%	\$518.73
Bowman, Sciences	E., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Vingre	en, J., Co-PI; Kinesiology	, Health Promotion, & Recreation; M	Acfarlin, B., 1	PI; Vingro	en, J., Co-PI; V	ingren, J., Co-P	I; Biological
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerat Consumption of an IminoSugar Supplement?	ted by Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$2,489	10%	\$248.92
Bowman,	E., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesia	ology, Health Promotion,	, & Recreation; Mcfarlin, B., PI; Ving	gren, J., Co-l	PI; Biolog	gical Sciences		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerate when Supplemented with a Probiotic + Lecithin? A Pilot Str		Imagilin Technology	Priva	te Co-PI	\$3,040	10%	\$304.03
Bowman,	E., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren,	, J., Co-PI; Kinesiology,	Health Promotion, & Recreation; Mc	farlin, B., PI	; Vingren	a, J., Co - PI; Bio	ological Sciences	S
GP00026	Does 90-days of Megasporebiotic supplementation reduce o prandial responses to a high-fat meal?	on post- Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$96,720	10%	\$9,671.98

Post-Pranadal Responses to a High-Fat Mal? Borman, E., Co-Pl. Olson, R., Co-Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Kinesiology, Health Promotion, & Recreation; Vingren, J., Co-Pl. S85.502 10% \$8.550.21 Borman, E., Co-Pl. McGarlin, B., Pl. Biological Sciences Post-Pranadal Responses to a High-Fat Meal? Borman, E., Co-Pl. McGarlin, B., Pl. Hill, D., Co-Pl. Firgren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Biological Sciences Borman, E., Co-Pl. McGarlin, B., Pl. Hill, D., Co-Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Biological Sciences Borman, E., Co-Pl. McGarlin, B., Pl. Hill, D., Co-Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Biological Sciences Borman, E., Co-Pl. McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Biological Sciences Borman, E., Co-Pl. McGarlin, B., Pl. Olson, R., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Biological Sciences Borman, E., Co-Pl. McGarlin, B., Pl. Olson, R., Co-Pl. Nite, K., Co-Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. Wingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; McGarlin, B., Pl. Vingren, J., Co-Pl. McGarlin, B., Pl. Vingren, J., Co-Pl. McGarlin, B., Pl. Vingren, J., Co-Pl. McGarlin, B., Pl. Wingren, J., Co-Pl. McGarlin, B., Pl. Wingren, J.,	Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Post-Prandal Responses to a High-Fat Menl? Bowman, E., Co-Pl. (Ston, R., Co-Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Kinesiology, Health Promotion, & Recreation; Vingren, J., Co-Pl. Mcfarlin, B., Pl. Biological Sciences GP00026 Dees 90-days of Megasporthosic Supplementation Relace on Research Physicians Exclusive, LLC Private Ce-Pl \$35,502 10% \$8,550,21 Bowman, E., Co-Pl. Mcfarlin, B., Pl. Hill, D., Co-Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Findron, Private Ce-Pl \$13,874 10% \$1,187.45 Bowman, E., Co-Pl. Mcfarlin, B., Pl. Hill, D., Co-Pl. Colon, R., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Biological Sciences GP50006 Dees Daily Supplementation With Gitathione Alter Immunity, Lipper Reyman's Tract Infection, and Oxidative Stesses in Individuals Training for a Half Manatoha Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Wingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Vingren, J., Co-Pl. Mcfarlin, B., Pl. Vingren, J.,	Bowman,	E., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Olson, R., C	Co-PI; Kinesiology, I	Health Promotion, & Recreation; Mc	farlin, B., Pl	; Vingrer	ı, J., Co-PI; Bio	ological Sciences	ĭ
Deep Ol-days of Megasgorobious Supplementation Reduce on Person Physicians Exclusive, LLC Private Co-Pl \$85,502 10% \$8,550.2	GP00026		Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$594	10%	\$59.40
Post-Prandial Responses to a High-Field Meal?	Bowman,	E., Co-PI; Olson, R., Co-PI; Vingren, J., Co-PI; Mcfarlin, I	3., PI; Kinesiology, I	Health Promotion, & Recreation; Vir	ngren, J., Co-	·PI; Mcfa	ırlin, B., PI; Bio	ological Sciences	7
Pl. Biological Sciences GP00028 Des Sobeet/IN Supplementation Improve Cardiovascular Research Sabinsa Corporation Private Co-Pl \$13.874 10% \$1.887.4. Bowman, E., Co-Pl: Mefarlin, B., Pl: Nite, K., Co-Pl: Vingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation: Mefarlin, B., Pl: Vingren, J., Co-Pl: Biological Sciences GP0000 Des Daily Supplementation With Gitathsione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marafish Research Bowman, E., Co-Pl: Mefarlin, B., Pl: Olson, R., Co-Pl: Vingren, J., Co-Pl: Vingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation: Mefarlin, B., Pl: Vingren, J., Co-Pl: Vingren, J., Co-Pl: Biological Sciences Bowman, E., Co-Pl: Mefarlin, B., Pl: Olson, R., Co-Pl: Vingren, J., Co-Pl: Vingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation: Mefarlin, B., Pl: Vingren, J., Co-Pl: Mingren, J., Co-Pl: Biological Sciences Bowman, E., Co-Pl: Mefarlin, B., Pl: Olson, R., Co-Pl: Wingren, J., Co-Pl: Wingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation: Mefarlin, B., Pl: Vingren, J., Co-Pl: Mingren, J., Co-Pl: Ming	GP00026		Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$85,502	10%	\$8,550.20
Performance Under Hypoxic Conditions? Bowman E. Co-Pl: Melgarlin, B. Pl: Nite, K., Co-Pl: Olson, R., Co-Pl: Vingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation: Mefarlin, B., Pl: Vingren, J., Co-Pl: Biological Sciences Sci			-PI; Vingren, J., Co-	-PI; Kinesiology, Health Promotion,	& Recreation	n; Mcfarl	lin, B., PI; Vingi	ren, J., Co-PI; V	ingren, J., Co-
OP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Intil Marathon Race? Bowman, E., Co-Pl. Mofarlin, B., Pl. Okon, R., Co-Pl. Nite, K., Co-Pl. Vingren, J., Co-Pl. Vingren, J., Co-Pl. Kinesiology, Health Promotion, & Recreation: Mcfarlin, B., Pl. Vingren, J., Co-Pl. Mofarlin, B., Pl. Vingren, J., Co-Pl. Moladis Training for a Intil Marathon Race? Obsoluted Straining for a Intil Marathon Race? Rowman, E., Co-Pl. Moladis Training for a Intil Marathon Race? Obsoluted Straining for a Intil Marathon	GP00028	11 1	Research	Sabinsa Corporation	Priva	te Co-PI	\$13,874	10%	\$1,387.43
Upper Respiratory Trate Infection, and Oxidative Stress in Individuals Training for a Half Manthon Race? Bowman, E., Co-PI; McJarlin, B., PI; Olson, R., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; Nite, K., Co-PI; Nite, K., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; McJarlin, B., PI; Olson, R., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; McJarlin, B., PI; Vingren, J., Co-PI; McJarlin, B., PI; Vingren, J.,	Bowman,	E., Co-PI; Mcfarlin, B., PI; Nite, K., Co-PI; Olson, R., Co-I	PI; Vingren, J., Co-F	PI; Kinesiology, Health Promotion, &	& Recreation;	Mcfarlir	ı, B., PI; Vingre	en, J., Co-PI; Bio	ological Sciences
Vingren, J., Co-Pl: Biological Sciences GP5000 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-Pl: Mefarlin, B., Pl: Olson, R., Co-Pl: Vingren, J., Co-Pl: Nite, K., Co-Pl: Vingren, J., Co-Pl: Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., Pl: Vingren, J., Co-Pl: Vingren, J., Co-Pl: Biological Sciences GP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-Pl: Biological Sciences GP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-Pl: Nite, K., Co-Pl: Vingren, J., Co-Pl: Mefarlin, B., Pl: Kinesiology, Health Promotion, & Recreation; Vingren, J., Co-Pl: Mcfarlin, B., Pl: Biological Sciences GP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-Pl: Nite, K., Co-Pl: Olson, R., Co-Pl: Vingren, J., Co-Pl: Mcfarlin, B., Pl: Kinesiology, Health Promotion, & Recreation: With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-Pl: Mcfarlin, B., Pl: Kinesiology, Health Promotion, & Recreation: Mcfarlin, B., Pl: Biological Sciences GP6001 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-Pl \$21,883 25% \$5,470.85 Collins Jr., John R Collins Jr., John R Totals for Collins Ir., John R	GP50006	Upper Respiratory Tract Infection, and Oxidative Stress in	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$60,992	10%	\$6,099.20
Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Vingren			PI; Vingren, J., Co-F	PI; Vingren, J., Co-PI; Kinesiology, I	Health Promo	otion, & I	Recreation; Mcf	farlin, B., PI; Vir	ngren, J., Co-PI;
CoPS and Supplementation With Glutathione Alter Immunity, Ungere, J., Co-PI; Biological Sciences GP5000 Does Daily Supplementation With Glutathione Alter Immunity, Ungere, Papiratory Treat Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Nite, K., Co-PI; Olson, R., Co-PI; Vingren, J., Co-PI; Wefarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences GP5000 Does Daily Supplementation With Glutathione Alter Immunity, Unger Respiratory Treat Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Biological Sciences GP6501 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.85 Totals for Bowman, Erin Marie kellogg \$51,488.25 Collins Jr., John R Collins Jr., J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GR40011 Value of the Game of the Game of the Game Private PI \$20,000 \$13,402.14 Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual Research Denton County Mental Health Mental Retardation Center - MHMR Activities)	GP50006	Upper Respiratory Tract Infection, and Oxidative Stress in	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	10%	\$5,601.16
Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Nite, K., Co-PI; Olson, R., Co-PI; Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences GP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Biological Sciences GP6501 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.85 Totals for Bowman, Erin Marie kellogg \$51,488.25 Collins Jr., John R Collins Jr., J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr., John R Gu,Xiangli Gu,Xiangli GH, Y., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP4001 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Research Denton County Mental Health Mental Private PI \$292 50% \$145.84 S145.84			Co-PI; Nite, K., Co-F	PI; Vingren, J., Co-PI; Kinesiology, I	Health Promo	otion, & I	Recreation; Mcf	farlin, B., PI; Vir	ngren, J., Co-PI;
GP50006 Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Biological Sciences GP6501 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.85 Totals for Bowman, Erin Marie kellogg \$51,488.25\$ Collins Jr, John R Collins Jr, J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14* Totals for Collins Jr, John R Gu, Xi, PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Retardation Center - MHMR Activities)	GP50006	Upper Respiratory Tract Infection, and Oxidative Stress in	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$21,860	10%	\$2,185.96
Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race? Bowman, E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Biological Sciences GP6501 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.83 Totals for Bowman, Erin Marie kellogg \$51,488.29\$ Collins Jr., John R Collins Jr., J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Gu, Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual Research Denton County Mental Health Mental with Intellectual Disabilities (Community Based Inclusive Retardation Center - MHMR Activities)	Bowman,	E., Co-PI; Nite, K., Co-PI; Olson, R., Co-PI; Vingren, J., C	o-PI; Mcfarlin, B., F	PI; Kinesiology, Health Promotion, &	& Recreation;	Vingren	, J., Co-PI; Mcf	farlin, B., PI; Bio	ological Sciences
GP6501 Testing Efficacy of UA Recovery Shorts Following EIMD Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.83 Totals for Bowman, Erin Marie kellogg \$51,488.29 Collins Jr, J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr, John R Gu, Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Research Under Armour, Inc. Private Co-PI \$21,883 25% \$5,470.83 S51,488.29 S13,402.14 S13,402.14 S13,402.14 Retardation Center - MHMR	GP50006	Upper Respiratory Tract Infection, and Oxidative Stress in	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$113,905	10%	\$11,390.47
Totals for Bowman, Erin Marie kellogg Collins Jr., John R Collins Jr, J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr., John R Gu, Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Research Denton County Mental Health Mental Retardation Center - MHMR Private PI \$292 50% \$145.84	Bowman,	E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion,	& Recreation; Mcf	arlin, B., PI; Biological Sciences					
Collins Jr, John R Collins Jr, J., Pl; Martin, S., Co-Pl; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr, John R Gu, Xiangli Gu, X., Pl; Keller, M., Co-Pl; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Research Denton County Mental Health Mental Retardation Center - MHMR	GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te Co-PI	\$21,883	25%	\$5,470.83
Collins Jr, John R Collins Jr, J., Pl; Martin, S., Co-Pl; Kinesiology, Health Promotion, & Recreation GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr, John R Gu, Xiangli Gu, X., Pl; Keller, M., Co-Pl; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Research Denton County Mental Health Mental Retardation Center - MHMR		Totals for	Bowman,Erin Mari	e kellogg					\$51,488.29
GP20021 Girls in the Game - Teen Squad Instruction Girls in the Game Private PI \$14,891 90% \$13,402.14 Totals for Collins Jr, John R Gu, Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities) Denton County Mental Health Mental Private PI \$292 50% \$145.84 Retardation Center - MHMR		·							,
Gu,Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual Research with Intellectual Disabilities (Community Based Inclusive Retardation Center - MHMR Activities) Activities	GP20021			Girls in the Game	Priva	te PI	\$14,891	90%	\$13,402.14
Gu,Xiangli Gu, X., PI; Keller, M., Co-PI; Kinesiology, Health Promotion, & Recreation GP40011 Promoting Physical Activity and Quality of life among Individual Research with Intellectual Disabilities (Community Based Inclusive Retardation Center - MHMR Activities) Activities		Totals for	Collins Jr.John R						\$13,402,14
GP40011 Promoting Physical Activity and Quality of life among Individual Research Denton County Mental Health Mental Private PI \$292 50% \$145.84 with Intellectual Disabilities (Community Based Inclusive Retardation Center - MHMR Activities)	-	ngli							Ψ2 0 910 2 611
Totals for Gu,Xiangli \$145.84	GP40011	Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive			l Priva	te PI	\$292	50%	\$145.84
		Totals for	Gu,Xiangli						\$145.84

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Hill, D., C	id Wilfred Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bowman, E., Co- gical Sciences	PI; Vingren, J., Co-	PI; Kinesiology, Health Promotion, o	& Recreatio	n; Mcfarl	in, B., PI; Ving	ren, J., Co-PI; V	ingren, J., Co-
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	te Co-PI	\$13,874	10%	\$1,387.43
Hill, D., C	Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Hea	lth Promotion, & R	ecreation; Mcfarlin, B., PI; Vingren,	J., Co-PI; E	Biological	Sciences		
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ite Co-PI	-\$687	10%	(\$68.73)
	Totals for	Hill,David Wilfred						\$1,318.70
Hull, Dar Hull, D., (rell Co-PI; Jacobson, A., Co-PI; Middlemiss, W., PI; Kinesiology	, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protect Services	ive Fede	ral Co-PI	\$1,474	0%	\$0.00
Hull, D., O	Co-PI; Middlemiss, W., PI; Jacobson, A., Co-PI; Kinesiology	, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protect Services	ive Fede	ral Co-PI	-\$1,779	0%	\$0.00
Hull, D., O	Co-PI; Middlemiss, W., PI; Kinesiology, Health Promotion, c	& Recreation						
GP6438	HIPPY Technical Assistance	Public Service	Home Instruction for Parents of Presch Youngsters (HIPPY) USA	ool Priva	ite Co-PI	\$5,218	50%	\$2,609.20
	Totals for	Hull,Darrell						\$2,609.20
	n,Arminta Lee A., Co-PI; Hull, D., Co-PI; Middlemiss, W., PI; Kinesiology	, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protect Services	ive Fede	ral Co-PI	\$1,474	50%	\$736.86
Jacobson,	A., Co-PI; Middlemiss, W., PI; Hull, D., Co-PI; Kinesiology	, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protect Services	ive Fede	ral Co-PI	-\$1,779	50%	(\$889.27)
	Totals for	Jacobson,Arminta I	Lee					(\$152.42)
Keller,M	Iarian Jean							
GA00002	North Texas Pathway Project	Public Service	Texas Higher Education Coordinating Board	Othe	r PI	\$5,544	100%	\$5,543.61
GA00002	North Texas Pathway Project	Public Service	Texas Higher Education Coordinating Board	State	PI	\$5,713	100%	\$5,712.59
GP20048	Ventanilla de Educacion	Public Service	Parents Alliance, Incorporated	Priva	ite PI	\$1,032	100%	\$1,031.81
Keller, M.	, Co-PI; Gu, X., PI; Kinesiology, Health Promotion, & Recre	eation						
GP40011	Promoting Physical Activity and Quality of life among Individual with Intellectual Disabilities (Community Based Inclusive Activities)	Research	Denton County Mental Health Mental Retardation Center - MHMR	Priva	te Co-PI	\$292	50%	\$145.84

Project ID	Title	Category	Sponsor	0	PI / Co-PI	-	Recognition %	Recognition Amount
GS00002	Minority Health Research and Education	Research	Texas Higher Education Coordinating Board	g State	PI	\$72,551	100%	\$72,551.01
GS5211	Work-Study Student Mentorship Grant Program	Public Service	Texas Higher Education Coordinating Board	g State	PI	-\$24,566	100%	(\$24,566.39)
	Totals for	Keller,Marian Jean						\$60,418.47
Martin,S	Scott B , Co-PI; Collins Jr, J., PI; Kinesiology, Health Promotion,	& Recreation						
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Priva	te Co-PI	\$14,891	10%	\$1,489.13
	Totals for	Martin,Scott B						\$1,489.13
	i,Brian Keith B., Co-PI; Kinesiology, Health Promotion, & Recreation; L	und, A., PI; Mcfarlii	n, B., Co-PI; Biological Sciences					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	al Co-PI	\$136,362	18%	\$24,545.07
Mcfarlin,	B., Co-PI; Kinesiology, Health Promotion, & Recreation; M	Acfarlin, B., Co-PI; I	Lund, A., PI; Biological Sciences					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	al Co-PI	\$34,735	18%	\$6,252.31
Mcfarlin,	B., PI; Kinesiology, Health Promotion, & Recreation; Mcfa	rlin, B., PI; Biologic	cal Sciences					
GP00002	The Effect of 30 Days of Megasporebiotic Supplementation on Post-Prandial Responses to a High-Fat Meal	Research	Physicians Exclusive, LLC	Priva	te PI	\$18,001	90%	\$16,200.97
Mcfarlin,	B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion,	& Recreation; Mcfa	rlin, B., PI; Vingren, J., Co-PI; Biolo	ogical Scienc	es			
GP00012	Treatment with AyuFlex(R): Potential to Modulate Inflammation and Reduce Muscle Recovery Time following Injury	Research	Natreon Inc.	Priva	te PI	\$14,096	54%	\$7,611.88
Mcfarlin,	B., PI; Olson, R., Co-PI; Kinesiology, Health Promotion, &	Recreation; Mcfarl	in, B., PI; Biological Sciences					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Management in Overweight/Obese Women	Research	Nu Science	Priva	te PI	\$10,000	81%	\$8,100.00
Mcfarlin,	B., PI; Bowman, E., Co-PI; Vingren, J., Co-PI; Kinesiology	, Health Promotion,	& Recreation; Mcfarlin, B., PI; Ving	gren, J., Co-I	PI; Biolo	gical Sciences		
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$5,187	45%	\$2,334.28
Mcfarlin, Sciences	B., PI; Vingren, J., Co-PI; Bowman, E., Co-PI; Vingren, J.,	Co-PI; Kinesiology	, Health Promotion, & Recreation; M	Acfarlin, B., I	PI; Vingr	en, J., Co-PI; V	ingren, J., Co-P	I; Biological
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$2,489	45%	\$1,120.14
Mcfarlin,	B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion,	& Recreation; Mcfa	rlin, B., PI; Vingren, J., Co-PI; Biolo	ogical Science	es			
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$3,515	55%	\$1,933.39
Mcfarlin,	B., PI; Bowman, E., Co-PI; Vingren, J., Co-PI; Kinesiology	, Health Promotion,	& Recreation; Mcfarlin, B., PI; Ving	gren, J., Co-l	PI; Biolo	gical Sciences		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$1,125	45%	\$506.47

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mcfarlin,	B., PI; Vingren, J., Co-PI; Bowman, E., Co-PI; Kinesiology,	Health Promotic	on, & Recreation; Mcfarlin, B., PI;	Vingren, J., Co-	PI; Biolog	gical Sciences		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$1,915	45%	\$861.68
Mcfarlin,	B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, &	Recreation; Mc	farlin, B., PI; Vingren, J., Co-PI; B	Biological Scienc	res			
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$2,704	55%	\$1,487.32
Mcfarlin,	B., PI; Bowman, E., Co-PI; Olson, R., Co-PI; Vingren, J., Co	-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P.	I; Vingrer	ı, J., Co-PI; Bio	ological Sciences	3
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$96,236	58.5%	\$56,297.91
Mcfarlin,	B., PI; Bowman, E., Co-PI; Olson, R., Co-PI; Vingren, J., Co	-PI; Kinesiology	, Health Promotion, & Recreation;	Vingren, J., Co	-PI; Mcfa	ırlin, B., PI; Bio	ological Sciences	S
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$85,502	58.5%	\$50,018.65
Mcfarlin,	B., PI; Bowman, E., Co-PI; Vingren, J., Co-PI; Olson, R., Co	-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P.	I; Vingrer	ı, J., Co-PI; Bio	ological Sciences	7
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$320	58.5%	\$187.20
Mcfarlin,	B., PI; Olson, R., Co-PI; Bowman, E., Co-PI; Vingren, J., Co	-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P.	I; Vingrer	ı, J., Co-PI; Bio	ological Sciences	·
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$484	58.5%	\$283.16
Mcfarlin,	B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Kinesiology, He	alth Promotion,	& Recreation; Mcfarlin, B., PI; Vir	ngren, J., Co-PI;	Biologic	al Sciences		
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$465	68.5%	\$318.27
Mcfarlin,	B., PI; Vingren, J., Co-PI; Olson, R., Co-PI; Bowman, E., Co	-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P.	I; Vingrer	ı, J., Co-PI; Bio	ological Sciences	3
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$274	58.5%	\$160.26
	B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Bowman, E., Co-Igical Sciences	PI; Vingren, J., (Co-PI; Kinesiology, Health Promoti	ion, & Recreatio	n; Mcfarl	lin, B., PI; Ving	ren, J., Co-PI; V	ingren, J., Co-
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	te PI	\$13,874	40%	\$5,549.70
Mcfarlin,	B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Hea.	lth Promotion, &	Recreation; Mcfarlin, B., PI; Ving	ren, J., Co-PI; E	Biological	Sciences		
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	te PI	-\$687	50%	(\$343.63)
Mcfarlin,	B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, &	Recreation; Mc	farlin, B., PI; Vingren, J., Co-PI; B	Biological Scienc	res			
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Priva	te PI	\$2,916	54%	\$1,574.38
Mcfarlin,	B., PI; Kinesiology, Health Promotion, & Recreation; Mcfard	lin, B., PI; Biolog	gical Sciences					
GP20028	Adaptogenic Health Impact of Longvida® and Pomella® in Healthy Subjects: Potential Synergies of Longvida® and Pomella®	Research	Verdure Sciences	Priva	te PI	\$17,600	90%	\$15,839.65

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Mcfarlin,	B., PI; Bowman, E., Co-PI; Nite, K., Co-PI; Olson, R., Co-F	PI; Vingren, J., Co-P	I; Kinesiology, Health Promotion, &	Recreation;	Mcfarlin	, B., PI; Vingre	n, J., Co-PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$60,992	31.5%	\$19,212.49
Mcfarlin,	B., PI; Bowman, E., Co-PI; Nite, K., Co-PI; Olson, R., Co-F	PI; Vingren, J., Co-P	I; Kinesiology, Health Promotion, &	Recreation;	Vingren,	J., Co-PI; Mcf	arlin, B., PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$113,905	31.5%	\$35,879.97
Mcfarlin,	B., PI; Nite, K., Co-PI; Olson, R., Co-PI; Vingren, J., Co-PI	l; Kinesiology, Healt	h Promotion, & Recreation; Mcfarlin	n, B., PI; Vir	igren, J.,	Co-PI; Biologic	cal Sciences	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$17,910	41.5%	\$7,432.80
	B., PI; Olson, R., Co-PI; Nite, K., Co-PI; Vingren, J., Co-PI J., Co-PI; Biological Sciences	I; Bowman, E., Co-P	I; Vingren, J., Co-PI; Kinesiology, H	Iealth Promo	otion, & F	Recreation; Mcf	arlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$56,012	31.5%	\$17,643.64
	B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Bowman, E., C J., Co-PI; Biological Sciences	Co-PI; Nite, K., Co-P	I; Vingren, J., Co-PI; Kinesiology, H	Iealth Promo	otion, & F	Recreation; Mcf	arlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$21,860	31.5%	\$6,885.78
Mcfarlin,	B., PI; Bowman, E., Co-PI; Kinesiology, Health Promotion,	& Recreation; Mcfa	urlin, B., PI; Biological Sciences					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$21,883	67.5%	\$14,771.23
Mcfarlin,	B., PI; Kinesiology, Health Promotion, & Recreation; Mcfar	rlin, B., PI; Biologic	al Sciences					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$4,648	92.5%	\$4,299.10
	Totals for	Mcfarlin,Brian Keit	h					\$306,964.09
	niss,Wendy ss, W., PI; Hull, D., Co-PI; Jacobson, A., Co-PI; Kinesiolog	y, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protect Services	tive Feder	al PI	-\$305	50%	(\$152.42)
Middlemi	ss, W., PI; Hull, D., Co-PI; Kinesiology, Health Promotion,	& Recreation						
GP6438	HIPPY Technical Assistance	Public Service	Home Instruction for Parents of Presch Youngsters (HIPPY) USA	nool Priva	te PI	\$5,218	50%	\$2,609.20
	Totals for	Middlemiss, Wendy						\$2,456.78
-	i <mark>stofer Calvin</mark> Co-PI; Bowman, E., Co-PI; Olson, R., Co-PI; Vingren, J., Co	o-PI; Mcfarlin, B., P	l; Kinesiology, Health Promotion, &	Recreation;	Vingren,	J., Co-PI; Mcf	arlin, B., PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$113,905	10%	\$11,390.47

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Nite, K., 0	Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Olson, R., Co-	PI; Vingren, J., Co-F	PI; Kinesiology, Health Promotion	n, & Recreation,	Mcfarlin	, B., PI; Vingre	n, J., Co-PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$60,992	10%	\$6,099.20
	Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-I I., Co-PI; Biological Sciences	PI; Bowman, E., Co-F	PI; Vingren, J., Co-PI; Kinesiolog	y, Health Promo	otion, & R	Recreation; Mcf	arlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$77,871	10%	\$7,787.12
Nite, K., 0	Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-I	PI; Kinesiology, Heal	th Promotion, & Recreation; Mcf	arlin, B., PI; Vii	ıgren, J.,	Co-PI; Biologic	cal Sciences	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$17,910	10%	\$1,791.04
	Totals for	Nite,Kristofer Calvi	n					\$27,067.83
Olson, R.,	yan Lee Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, c	& Recreation; Mcfarli	in, B., PI; Biological Sciences					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Managemen in Overweight/Obese Women	Research t	Nu Science	Priva	te Co-PI	\$10,000	10%	\$1,000.00
Olson, R.,	Co-PI; Bowman, E., Co-PI; Vingren, J., Co-PI; Mcfarlin,	B., PI; Kinesiology, I	Health Promotion, & Recreation;	Vingren, J., Co-	·PI; Mcfa	rlin, B., PI; Bio	logical Sciences	S
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$85,502	10%	\$8,550.20
Olson, R.,	Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Vingren, J.,	Co-PI; Kinesiology, I	Health Promotion, & Recreation;	Mcfarlin, B., Pl	; Vingren	, J., Co-PI; Bio	logical Sciences	8
GP00026	Does 90-days of Megasporebiotic supplementation reduce on poprandial responses to a high-fat meal?	st- Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$97,040	10%	\$9,703.98
Olson, R.,	Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bowman, E.,	Co-PI; Kinesiology, I	Health Promotion, & Recreation;	Mcfarlin, B., Pl	; Vingren	, J., Co-PI; Bio	logical Sciences	5
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$274	10%	\$27.40
Olson, R.,	Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, A.	Health Promotion, &	Recreation; Mcfarlin, B., PI; Vin	gren, J., Co-PI;	Biologica	al Sciences		
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$465	10%	\$46.46
Olson, R.,	Co-PI; Bowman, E., Co-PI; Nite, K., Co-PI; Vingren, J.,	Co-PI; Mcfarlin, B., F	PI; Kinesiology, Health Promotion	n, & Recreation,	Vingren,	J., Co-PI; Mcfe	arlin, B., PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$113,905	10%	\$11,390.47
Olson, R.,	Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Nite, K., Co-	PI; Vingren, J., Co-F	PI; Kinesiology, Health Promotion	n, & Recreation,	Mcfarlin	, B., PI; Vingre	n, J., Co-PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$60,992	10%	\$6,099.20

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
	Co-PI; Mcfarlin, B., PI; Nite, K., Co-PI; Vingren, J., Co-F I., Co-PI; Biological Sciences	I; Bowman, E., Co	-PI; Vingren, J., Co-PI; Kinesiolog	y, Health Prom	otion, & I	Recreation; Mcj	farlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	10%	\$5,601.16
Olson, R.,	Co-PI; Mcfarlin, B., PI; Nite, K., Co-PI; Vingren, J., Co-P	I; Kinesiology, Hed	alth Promotion, & Recreation; Mcfa	arlin, B., PI; Vi	ngren, J.,	Co-PI; Biologi	cal Sciences	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$17,910	10%	\$1,791.04
	Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bowman, E., O., Co-PI; Biological Sciences	Co-PI; Nite, K., Co	-PI; Vingren, J., Co-PI; Kinesiolog	y, Health Prom	otion, & I	Recreation; Mcj	farlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$21,860	10%	\$2,185.96
	Totals for	Olson,Ryan Lee						\$46,395.86
	"Jakob Langberg I., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion,	& Recreation; McJ	farlin, B., PI; Vingren, J., Co-PI; Bi	iological Scienc	es			
GP00012	Treatment with AyuFlex(R): Potential to Modulate Inflammation and Reduce Muscle Recovery Time following Injury	Research	Natreon Inc.	Priva	te Co-PI	\$14,096	36%	\$5,074.59
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Kinesiolog	y, Health Promotio	n, & Recreation; Mcfarlin, B., PI; V	Vingren, J., Co-	PI; Biolog	gical Sciences		
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$5,187	36%	\$1,867.42
Vingren, . Sciences	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Vingren, J.,	, Co-PI; Kinesiolog	gy, Health Promotion, & Recreation	ı; Mcfarlin, B.,	PI; Vingr	en, J., Co-PI; V	ingren, J., Co-P	I; Biological
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$2,489	3.6%	\$89.61
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion,	& Recreation; Mcf	farlin, B., PI; Vingren, J., Co-PI; Bi	iological Scienc	res			
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$3,515	36%	\$1,265.49
Vingren, . Sciences	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bowman, E.,	, Co-PI; Kinesiolog	gy, Health Promotion, & Recreation	ı; Mcfarlin, B.,	PI; Vingr	en, J., Co-PI; V	ingren, J., Co-P	I; Biological
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te Co-PI	\$2,489	32.4%	\$806.50
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Kinesiolog	y, Health Promotio	n, & Recreation; Mcfarlin, B., PI; V	Vingren, J., Co-	PI; Biolog	gical Sciences		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te Co-PI	\$3,040	36%	\$1,094.52
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion,	& Recreation; Mcf	farlin, B., PI; Vingren, J., Co-PI; Bi	iological Scienc	res			
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te Co-PI	\$2,704	36%	\$973.52

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Vingren, .	I., Co-PI; Bowman, E., Co-PI; Olson, R., Co-PI; Mcfarlin, E	3., PI; Kinesiology	, Health Promotion, & Recreation;	Vingren, J., Co	-PI; Mcfa	ırlin, B., PI; Bi	ological Sciences	,
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ate Co-PI	\$85,502	2 13.5%	\$11,542.76
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Olson, R., C	Co-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P	I; Vingrei	n, J., Co-PI; Bio	ological Sciences	•
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post prandial responses to a high-fat meal?	- Research	Physicians Exclusive, LLC	Priva	ate Co-PI	\$96,550	5 13.5%	\$13,035.03
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Bowman, E., C	Co-PI; Kinesiology	, Health Promotion, & Recreation;	Mcfarlin, B., P	I; Vingrer	n, J., Co-PI; Bio	ological Sciences	•
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ate Co-PI	\$758	3 13.5%	\$102.33
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Kinesiology, H	ealth Promotion,	& Recreation; Mcfarlin, B., PI; Vin	ngren, J., Co-PI	Biologic	al Sciences		
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ate Co-PI	\$465	5 13.5%	\$62.73
_	I., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Bowman, E., Cogical Sciences	-PI; Vingren, J., C	Co-PI; Kinesiology, Health Promoti	ion, & Recreatio	on; Mcfari	lin, B., PI; Ving	ren, J., Co-PI; V	ingren, J., Co-
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	\$13,874	4 24.3%	\$3,371.44
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, He	alth Promotion, &	Recreation; Mcfarlin, B., PI; Vingi	ren, J., Co-PI; I	Biological	Sciences		
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	-\$687	7 27%	(\$185.56)
_	I., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co- gical Sciences	PI; Bowman, E., C	Co-PI; Kinesiology, Health Promoti	ion, & Recreatio	on; Mcfari	lin, B., PI; Ving	ren, J., Co-PI; V	ingren, J., Co-
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	\$13,874	2.7%	\$374.60
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion,	& Recreation; Mcj	farlin, B., PI; Vingren, J., Co-PI; B	iological Scienc	es			
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Priva	ate Co-PI	\$2,916	36%	\$1,049.59
Vingren, .	I., Co-PI; Bowman, E., Co-PI; Nite, K., Co-PI; Olson, R., Co	o-PI; Mcfarlin, B.,	PI; Kinesiology, Health Promotion	n, & Recreation	; Vingren	, J., Co-PI; Мс	farlin, B., PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$113,905	31.5%	\$35,879.97
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Nite, K., Co	-PI; Olson, R., Co	-PI; Kinesiology, Health Promotion	n, & Recreation	; Mcfarlii	n, B., PI; Vingr	en, J., Co-PI; Bio	ological Sciences
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$60,992	2 31.5%	\$19,212.49
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Nite, K., Co-PI; Olson, R., Co-PI	; Kinesiology, He	alth Promotion, & Recreation; Mcf	farlin, B., PI; Vi	ngren, J.,	Co-PI; Biologi	ical Sciences	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$17,910	31.5%	\$5,641.77

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Bowman, E., C I., Co-PI; Biological Sciences	Co-PI; Nite, K., Co	-PI; Vingren, J., Co-PI; Kinesiolog	y, Health Prom	otion, & F	Recreation; McJ	farlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$21,860	3.15%	\$688.58
	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Nite, K., Co-P. I., Co-PI; Biological Sciences	I; Bowman, E., Co	-PI; Vingren, J., Co-PI; Kinesiolog	y, Health Prom	otion, & F	Recreation; McJ	farlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	28.35%	\$15,879.28
	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Nite, K., Co-P. I., Co-PI; Biological Sciences	I; Vingren, J., Co-l	PI; Bowman, E., Co-PI; Kinesiolog	y, Health Prom	otion, & F	Recreation; McJ	farlin, B., PI; Vii	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	3.15%	\$1,764.36
	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co I., Co-PI; Biological Sciences	o-PI; Bowman, E.,	Co-PI; Nite, K., Co-PI; Kinesiolog	y, Health Prom	otion, & F	Recreation; McJ	farlin, B., PI; Vi	ngren, J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$21,860	28.35%	\$6,197.21
	Totals for	Vingren,Jakob La	ingberg					\$125,788.22
	Totals for	Kinesiology, Heal	th Promotion, & Recreation					\$639,392.13
Teacher	Education & Administration							
-	ssana R Co-PI; Teacher Education & Administration; Azad, R., Co- ering; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	PI; Mathematics; A	Azad, R., Co-PI; Chen, F., Co-PI; L	Dixon, R., PI; Bi	ological S	Sciences; D'Sou	za, N., Co-PI; N	Aaterials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$39,840	10%	\$3,984.02
	Co-PI; Teacher Education & Administration; Dixon, R., PI; rring; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	Azad, R., Co-PI;	Chen, F., Co-PI; Biological Science	es; Azad, R., Co	-PI; Math	ematics; D'Sou	za, N., Co-PI; N	Materials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$77,071	10%	\$7,707.13
-	Co-PI; Teacher Education & Administration; Dixon, R., PI; agineering; D'Souza, N., Co-PI; Materials Science & Engine		Chen, F., Co-PI; Biological Science	es; Azad, R., Co	-PI; Math	ematics; D'Sou	za, N., Co-PI; N	1echanical &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$53,901	10%	\$5,390.06
-	Co-PI; Teacher Education & Administration; Dixon, R., PI; N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin		Azad, R., Co-PI; Azad, R., Co-PI; E	Biological Scien	ces; Azad	, R., Co-PI; Azo	ad, R., Co-PI; M	lathematics;
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$17,555	10%	\$1,755.46
	Co-PI; Teacher Education & Administration; Dixon, R., PI; Engineering; D'Souza, N., Co-PI; D'Souza, N., Co-PI; Ma	Chen, F., Co-PI;	Azad, R., Co-PI; Azad, R., Co-PI; E	Biological Scien	ces; D'So	uza, N., Co-PI;	D'Souza, N., Co	o-PI; Mechanical
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$27,029	10%	\$2,702.88

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Boyd, R.,	PI; Gonzalez-Carriedo, R., Co-PI; Teacher Education & A	dministration						
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Feder	ral PI	\$529,999	50%	\$264,999.68
	Totals for	Boyd,Rossana R						\$286,539.22
Eddy, Co.	olleen M PI; Harrell, P., Co-PI; Teacher Education & Administratio	on; Hughes, L., Co-PI,	: Biological Sciences; Quintanilla, J	., Co-PI; Ma	athematics	5		
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Feder	ral PI	-\$700	51%	(\$357.00)
Eddy, C.,	Co-PI; Harrell, P., PI; Teacher Education & Administration	on						
GF40006	2016-2017 Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	Feder	ral Co-PI	\$2,330	50%	\$1,165.16
Eddy, C.,	Co-PI; Harrell, P., PI; Teacher Education & Administration	on						
GF4214	North Texas Collaborative for Science, Math and Writing	Instruction	Texas Higher Education Coordinating Board	Feder	ral Co-PI	-\$400	50%	(\$199.98)
	Totals for	Eddy,Colleen M						\$608.18
	z-Carriedo,Ricardo ·Carriedo, R., Co-PI; Boyd, R., PI; Teacher Education & A	dministration						
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Feder	ral Co-PI	\$529,999	50%	\$264,999.68
	Totals for	Gonzalez-Carriedo,I	Ricardo					\$264,999.68
	Pamela Esprivalo P., Co-PI; Eddy, C., PI; Teacher Education & Administration	on; Hughes, L., Co-PI,	; Biological Sciences; Quintanilla, J	., Co-PI; Ма	athematic	3		
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Feder	ral Co-PI	-\$700	35%	(\$245.00)
Harrell, P	P., PI; Eddy, C., Co-PI; Teacher Education & Administration	on						
GF40006	2016-2017 Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	Feder	ral PI	\$2,330	50%	\$1,165.16
Harrell, P	P., PI; Eddy, C., Co-PI; Teacher Education & Administration	on						
GF4214	North Texas Collaborative for Science, Math and Writing	Instruction	Texas Higher Education Coordinating Board	Feder	ral PI	-\$400	50%	(\$199.98)
	Totals for	Harrell,Pamela Espi	rivalo					\$720.18
Wickstro	om,Carol D							
GF40002	Improving Teacher Quality State Grants	Public Service	Texas Higher Education Coordinating Board	Feder	ral PI	-\$88	100%	(\$88.29)
GF40007	2016-2017 SEED Invitational Leadership Institute to Invest in Developing New Teacher Leaders	Instruction	National Writing Project	Feder	ral PI	\$1,661	100%	\$1,660.99
GS6040	Travel to the Write for Texas State Professional Development Institutes and State Writing Coach Meetings	Public Service	University of Texas at Austin	State	PI	\$2,130	100%	\$2,130.42
	Totals for	Wickstrom,Carol D						\$3,703.12
	Totals for	Teacher Education &	& Administration					\$556,570.38

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	Totals for	College of Education	n					\$2,579,849.09
College	of Engineering							
Biomedic	cal Engineering							
Yang,Yo								
GF00009	Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis	Research	National Institutes of Health	Feder	al PI	\$95,584	100%	\$95,584.06
GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	Research	National Science Foundation	Feder	al PI	\$103,256	100%	\$103,255.72
	Totals for	Yang,Yong						\$198,839.78
Zhu,Dor Zhu, D., F	n ghui PI; Biomedical Engineering; Young, M., Co-PI; Materials Sc	ience & Engineering	g					
GF00010	Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials	Research	National Institutes of Health	Feder	al PI	\$294,854	90%	\$265,368.27
	Totals for	Zhu,Donghui						\$265,368.27
	Totals for	Biomedical Enginee	ring					\$464,208.05
Compute	er Science & Engineering							
Akl, R., Co	ert o-PI; Kavi, K., PI; Computer Science & Engineering							
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Feder	al Co-PI	\$143,688	20%	\$28,737.63
Akl, R., C	o-PI; Kavi, K., PI; Computer Science & Engineering							
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Privat	te Co-PI	\$73,289	20%	\$14,657.87
	Totals for	Akl,Robert						\$43,395.50
Bhowmi	ck,Sanjukta							
GF30064	XPS: EXPL: FP: Collaborative Research: SPANDAN: Scalable Parallel Algorithms for Network Dynamics Analysis	Research	National Science Foundation	Feder	al PI	\$46,815	100%	\$46,814.96
	Totals for	Bhowmick,Sanjukta	1					\$46,814.96
Blanco V	Villar,Eduardo							
GF30021	Towards Inter-Sentential Models for Detecting Focus of Negation	Research	National Science Foundation	Feder	al PI	\$7,340	100%	\$7,340.20
Blanco Vi	illar, E., Co-PI; Takabi, H., PI; Computer Science & Engine	ering						
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Feder	al Co-PI	\$100,704	30%	\$30,211.10
GF30061	CAREER: Understanding Negation in Positive Terms	Research	National Science Foundation	Feder	al PI	\$17,243	100%	\$17,243.48

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
GP00035	Short Text Classification in the Financial Domain	Research	Harvest Exchange Corp.	Priva	te PI	\$32,998	3 100%	\$32,998.15
GP30013	NLP for Medication Adherence: Complex Semantics and Negation	Research	University of Texas Health Science Cerat Houston	nter Priva	te PI	\$44,115	100%	\$44,114.63
	Totals for	Blanco Villar,Edu	ardo					\$131,907.56
	enee Cathryn PI; Takabi, H., Co-PI; Computer Science & Engineering							
GF1707	REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates	Research	National Science Foundation	Feder	al PI	\$4,830	50%	\$2,415.14
Bryce, R.,	Co-PI; Takabi, H., PI; Computer Science & Engineering							
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Feder	al Co-PI	\$101,879	50%	\$50,939.65
GF70008	Metadata tools for public access to digital scientific data	Research	USDA Forest Service	Feder	al PI	-\$55	100%	(\$54.85)
	Totals for	Bryce,Renee Cath	nryn					\$53,299.94
,	amanamurthy PI; Computer Science & Engineering; Hawamdeh, S., Co-PI	l; Information Sc	ience; Kim, D., Co-PI; Information Tecl	hnology & I	Decision	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	al PI	-\$3,409	50%	(\$1,704.38)
Dantu, R.,	PI; Computer Science & Engineering; Kim, D., Co-PI; Infor	mation Technolo	gy & Decision Science; Hawamdeh, S.,	Co-PI; Info	rmation	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	al PI	\$4,269	50%	\$2,134.56
Dantu, R.,	PI; Computer Science & Engineering; Hawamdeh, S., Co-Pi	; Information Sc	ience; Kim, D., Co-PI; Information Tecl	hnology & I	Decision	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	al PI	\$59,527	50%	\$29,763.52
Dantu, R.,	PI; Computer Science & Engineering; Kim, D., Co-PI; Infor	mation Technolo	gy & Decision Science; Hawamdeh, S.,	Co-PI; Info	rmation	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	al PI	\$5,454	50%	\$2,726.81
GF30012	EAGER: Transformative Emergency Dispatch Protocols for a Sixty Second Response	Research	National Science Foundation	Feder	al PI	\$100,074	100%	\$100,073.59
	Totals for	Dantu,Ramanamı	urthy					\$132,994.10
Do,Hyun	sook							
GF1746	CAREER: Context-Aware Regression Testing Techniques and Empirical Evaluations of Their Economic Impact	Research	National Science Foundation	Feder	al PI	\$46,611	100%	\$46,610.89

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Do,Hyunsook						\$46,610.89
Fu,Song								
GF30011	CSR: Medium: Collaborative Research: Wizard: Exploiting Disk Performance Signatures For Cost Effective Management of Large Scale Storage Systems	Research	National Science Foundation	Federa	l PI	\$74,874	100%	\$74,873.98
Fu, S., Co	-PI; Kavi, K., PI; Zhao, H., Co-PI; Computer Science & Eng	ineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federa	l Co-PI	\$28,612	15%	\$4,291.80
Fu, S., Co	-PI; Zhao, H., Co-PI; Kavi, K., PI; Computer Science & Eng	ineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federa	l Co-PI	\$4,249	15%	\$637.34
Fu, S., PI;	Yang, Q., Co-PI; Computer Science & Engineering							
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federa	l PI	\$108,316	50%	\$54,157.85
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Federa	l PI	\$62,372	100%	\$62,372.05
GF40088	Characterizing Flash Storage Failures (SSD, NVMeor Trinity Burst-buffer node/BBN)	Research	Los Alamos National Laboratory	Federa	l PI	\$17,592	100%	\$17,591.55
	Totals for	Fu,Song						\$213,924.58
Huang,Y	'an							
Huang, Y.	, PI; Yang, Q., Co-PI; Computer Science & Engineering; Zh	ong, X., Co-PI; E	lectrical Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute fo Homeland Security at Northeastern University, LLC.	r Federa	l PI	\$242,391	50%	\$121,195.72
	Totals for	Huang,Yan						\$121,195.72
Jin,Wei								
GF30025	CAREER: Creation, Visualization, and Mining of Domain Textual Graphs: Integrating Domain Knowledge and Human Intelligence	Research	National Science Foundation	Federa	l PI	\$123,083	100%	\$123,083.22
GF40040	EAGER: Data-Mining Driven Power-Efficient Intelligent Memory Storage for Mobile Video Applications	Research	North Dakota State University	Federa	l PI	-\$15	100%	(\$14.68)
	Totals for	Jin,Wei						\$123,068.54
Kavi,Kri Kavi, K., I	ishna M PI; Akl, R., Co-PI; Computer Science & Engineering							
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federa	l PI	\$143,688	80%	\$114,950.54

Project ID	Title	Category	Sponsor	Funding PI / Source Co-		pended s Period	Recognition %	Recognition Amount
GF30029	I/UCRC: NSF Net-centric and Cloud Software and Systems	Research	National Science Foundation	Federal	PI	\$6,048	100%	\$6,048.17
Kavi, K.,	PI; Fu, S., Co-PI; Zhao, H., Co-PI; Computer Science & Eng	ineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	PI	\$24,175	65%	\$15,714.00
Kavi, K.,	PI; Zhao, H., Co-PI; Fu, S., Co-PI; Computer Science & Eng	ineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	PI	\$8,686	65%	\$5,645.65
Kavi, K.,	PI; Akl, R., Co-PI; Computer Science & Engineering							
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Private	PI	\$73,289	80%	\$58,631.48
GP6447B	User-centered quality engineering (UCQE) for software and systems	Research	Generic Pooled Sponsor	Private	PI	\$3,667	100%	\$3,666.70
	Totals for	Kavi,Krishna M						\$204,656.53
Keathly,	David Mark							
GF40067	National Convergence Technology Center	Research	Collin College	Federal	PI	\$30,662	100%	\$30,662.22
	Totals for	Keathly,David Mar	k					\$30,662.22
-	p hanie Ann Co-PI; Computer Science & Engineering; Boettger, R., PI; Te	chnical Communic	ation; Hoeinghaus, D., Co-PI; Biod	logical Sciences				
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal C	o-PI	\$75,500	22%	\$16,610.07
Ludi, S., C	Co-PI; Computer Science & Engineering; Hoeinghaus, D., Co	-PI; Biological Sci	iences; Boettger, R., PI; Technical	Communication				
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal C	o-PI	\$4,272	22%	\$939.89
GF40053	CCE STEM: Ethical Inclusion of People with Disabilities through Undergraduate Computing Education	Research	Rochester Institute of Technology	Federal	PI	\$5,673	100%	\$5,673.07
Ludi, S., C	Co-PI; Computer Science & Engineering; D'Souza, N., PI; Ma	aterials Science & I	Engineering; D'Souza, N., PI; Meca	hanical & Energy E	Ingineerin	g		
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Private C	o-PI	\$4,636	50%	\$2,317.95
	Totals for	Ludi,Stephanie Ann	ı					\$25,540.98
Mikler, A.	Armin R , PI; Ramisetty-Mikler, S., Co-PI; Computer Science & Engir	neering; O'Neill II.	M., Co-PI; Institute for Applied Sc	iences; Tiwari, C	Co-PI; Ge	eography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federal		\$82,312	25%	\$20,578.05

Title	Category	Sponsor	Funding Source			Recognition %	Recognition Amount
PI; Ramisetty-Mikler, S., Co-PI; Computer Science & Engi	neering; Tiwari, C.,	, Co-PI; Geography; O'Neill II, M., Co	-PI; Institu	ite for Ap	plied Sciences		
Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Feder	al PI	\$5,453	25%	\$1,363.28
Co-PI; Computer Science & Engineering; O'Neill II, M., P.	I; Institute for Appl	ied Sciences					
Los Angeles County Department of Public Health Emergency Preparedness and Response Program	Public Service	Los Angeles County	Feder	al Co-PI	\$24,955	50%	\$12,477.43
PI; Computer Science & Engineering; O'Neill II, M., Co-P.	I; Institute for Appl	ied Sciences					
Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6/5S	Research	Texas Department of State Health Service	ce Feder	al PI	\$224,506	50%	\$112,252.86
Co-PI; Computer Science & Engineering; O'Neill II, M., P.	I; Institute for Appl	ied Sciences					
Providing RE-PLAN to Support Response Planning for Los Angeles County, California	Public Service	Los Angeles County	Feder	al Co-PI	\$233,504	50%	\$116,751.85
Totals for	Mikler,Armin R						\$263,423.47
,Saraju							
NSF Student Travel Grant for 2019 IEEE Computer Society International Symposium on VLSI (IEEE ISVLSI)	Research	National Science Foundation	Feder	al PI	\$5,983	100%	\$5,983.07
Totals for	Mohanty,Saraju						\$5,983.07
hwan							
Real-Time Feedback to Improve Colonoscopy	Research	University of Minnesota	Feder	al PI	\$48,314	100%	\$48,313.66
Totals for	Oh,Junghwan						\$48,313.66
parambil,Robin Jacob urambil, R., Co-PI; Computer Science & Engineering; Gaffo	ord, L., PI; Disabilit	ty & Addiction Rehabilitation					
Explore STEM!	Public Service	Texas Workforce Commission	Feder	al Co-PI	\$64,847	33%	\$21,399.44
Totals for	Pottathuparambil,F	Robin Jacob					\$21,399.44
y-Mikler,Suhasini Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engi	ineering; O'Neill II,	M., Co-PI; Institute for Applied Science	ces; Tiwari,	, C., Co-l	PI; Geography		
Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Feder	al Co-PI	\$82,312	25%	\$20,578.05
Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engi	neering; Tiwari, C.,	, Co-PI; Geography; O'Neill II, M., Co	-PI; Institu	ite for Ap	plied Sciences		
Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Feder	ral Co-PI	\$5,453	25%	\$1,363.28
Totals for	Ramisetty-Mikler,S	uhasini					\$21,941.33
lassan , Co-PI; Bryce, R., PI; Computer Science & Engineering							
REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates	Research	National Science Foundation	Feder	al Co-PI	\$4,830	50%	\$2,415.14
	Minimizing Access Disparities in Bio-Emergency Response Planning Co-PI; Computer Science & Engineering; O'Neill II, M., P. Los Angeles County Department of Public Health Emergency Preparedness and Response Program PI; Computer Science & Engineering; O'Neill II, M., Co-P Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6/5S Co-PI; Computer Science & Engineering; O'Neill II, M., P. Providing RE-PLAN to Support Response Planning for Los Angeles County, California Totals for Saraju NSF Student Travel Grant for 2019 IEEE Computer Society International Symposium on VLSI (IEEE ISVLSI) Totals for Mwan Real-Time Feedback to Improve Colonoscopy Totals for Sparambil, Robin Jacob Wrambil, R., Co-PI; Computer Science & Engineering; Gaffor Sy-Mikler, Suhasini Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engineering Minimizing Access Disparities in Bio-Emergency Response Planning Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engineering Minimizing Access Disparities in Bio-Emergency Response Planning Totals for Iassan Co-PI; Bryce, R., PI; Computer Science & Engineering	Minimizing Access Disparities in Bio-Emergency Response Planning Co-PI; Computer Science & Engineering; O'Neill II, M., PI; Institute for Appl Los Angeles County Department of Public Health Emergency Preparedness and Response Program PI; Computer Science & Engineering; O'Neill II, M., Co-PI; Institute for Appl Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6/5S Co-PI; Computer Science & Engineering; O'Neill II, M., PI; Institute for Appl Providing RE-PLAN to Support Response Planning for Los Angeles County, California Totals for Mikler,Armin R **Saraju** NSF Student Travel Grant for 2019 IEEE Computer Society International Symposium on VLSI (IEEE ISVLSI) Totals for Totals for Totals for Totals for Oh,Junghwan parambil,Robin Jacob brambil, R., Co-PI; Computer Science & Engineering; Gafford, L., PI; Disabilit Explore STEM! Totals for Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engineering; Tiwari, C. Minimizing Access Disparities in Bio-Emergency Response Planning Totals for Research Research Research Research **Research** **Research** **Research** **Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning Totals for Research Research **Research** **Research** **Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning Totals for Research **Research** **Research** **Research** **Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning Totals for Research **Research** **Research** **Research** **Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning **Totals for Research** **Research** **Research** **Research** **Pottathuparambil, II, Minimizing Access Disparities in Bio-Emergency Response Planning To	Minimizing Access Disparities in Bio-Emergency Response Planning Co-PI; Computer Science & Engineering; O'Neill II, M., PI; Institute for Applied Sciences Los Angeles County Department of Public Health Emergency Preparedness and Response Program PI; Computer Science & Engineering; O'Neill II, M., Co-PI; Institute for Applied Sciences Los Angeles County Department of Public Health Emergency Preparedness and Response Program PI; Computer Science & Engineering; O'Neill II, M., Co-PI; Institute for Applied Sciences Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DISHS Region 6/58 Co-PI; Computer Science & Engineering; O'Neill II, M., PI; Institute for Applied Sciences Providing RE-PLAN to Support Response Planning for Los Angeles County, California Totals for Mikler, Armin R SATAIU NSF Student Travel Grant for 2019 IEEE Computer Society International Symposium on VLSI (IEEE ISVLSI) Totals for Mohanty, Saraju Mohanty, Saraju Totals for Oh, Junghwan Parambil, Robin Jacob Totals for Oh, Junghwan Parambil, R., Co-PI; Computer Science & Engineering; Gafford, L., PI; Disability & Addiction Rehabilitation Explore STEM! Totals for Pottathuparambil, Robin Jacob Y-Mikler, Suhasini Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engineering; O'Neill II, M., Co-PI; Institute for Applied Science Minimizing Access Disparities in Bio-Emergency Response Planning Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography; O'Neill II, M., Co-PI; Bryce, R., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography; O'Neill II, M., Co-PI; Bryce, R., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography; O'Neill II, M., Co-PI; Bryce, R., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography; O'Neill II, M., Co-PI; Bryce, R., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography; O'Neill II, M.,	Pl. Ramisetty-Mikler, S., Co-Pl. Computer Science & Engineering; Tiwari, C., Co-Pl. Geography; O'Neill II, M., Co-Pl. Instit. Minimizing Access Disparities in Bio-Emergency Response Planning Co-Pl. Computer Science & Engineering; O'Neill II, M., Pl. Institute for Applied Sciences Los Angeles County Department of Public Health Emergency Preparedness and Response Program Pl. Computer Science & Engineering; O'Neill II, M., Co-Pl. Institute for Applied Sciences Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6'5S Co-Pl. Computer Science & Engineering; O'Neill II, M., Pl. Institute for Applied Sciences Providing RE-PLAN to Support Response Planning for Los Angeles County, California Totals for Mikler, Armin R Saraju NSF Student Travel Grant for 2019 IEEE Computer Society International Symposium on VLSI (IEEE ISVLSI) Totals for Oh, Junghwan Parambil, Robin Jacob Totals for Oh, Junghwan Parambil, Robin Jacob Totals for Pottathuparambil, Robin Jacob Totals for Pottathuparambil, Robin Jacob **Totals for Pottathuparambil, Robin Jacob **Totals for Pottathuparambil, Robin Jacob **Mikler, S., Co-Pl; Mikler, A., Pl; Computer Science & Engineering; O'Neill II, M., Co-Pl; Institute for Applied Sciences Totals for Pottathuparambil, Robin Jacob **Mikler, S., Co-Pl; Mikler, A., Pl; Computer Science & Engineering; O'Neill II, M., Co-Pl; Institute for Applied Sciences **Totals for Pottathuparambil, Robin Jacob **Mikler, S., Co-Pl; Mikler, A., Pl; Computer Science & Engineering; Tiwari, C., Co-Pl; Geography; O'Neill II, M., Co-Pl; Institute for Applied Sciences: Tiwari Mimimizing Access Disparities in Bio-Emergency Response Planning Totals for Ramisetty-Mikler, Subasin **Mikler, S., Co-Pl; Mikler, A., Pl; Computer Science & Engineering; Tiwari, C., Co-Pl; Geography; O'Neill II, M., Co-Pl; Institute of Health Feder Science Research Planning Totals for Ramise	Pl. Ramisetty-Mikler, S., Co-Pl. Computer Science & Engineering: Tivari, C., Co-Pl. Geography; O'Neill II, M., Co-Pl. Institute for Applianting Access Disparities in Bio-Emergency Response Research National Institutes of Health Federal Pl. Planning Co-Pl. Computer Science & Engineering: O'Neill II, M., Pl. Institute for Applied Sciences Los Angeles County Department of Public Health Emergency Prepardness and Response Program Pl. Computer Science & Engineering: O'Neill II, M., Co-Pl. Institute for Applied Sciences Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6755 Co-Pl. Computer Science & Engineering: O'Neill II, M., Pl. Institute for Applied Sciences Providing RE-PLAN to Support Response Planning for Los Angeles County, California Totals for Mikler, Armin R Saraju NSF Student Travel Grant for 2019 IEEE Computer Society Totals for Mohanty, Saraju Totals for Oh, Junghwan Parambil, R., Co-Pl: Computer Science & Engineering: Gaffor J. L., Pl. Disability & Addiction Rehabilitation Federal Pl. Totals for Public Service Totals for Public Service Texas Workforce Commission Federal Pl. Totals for Public Service Texas Workforce Commission Federal Pl. Totals for Public Service Texas Workforce Commission Federal Pl. Totals for Public Service Federal Pl. Tot	Pf. Ramisetty-Mikler, S., Co-Pf. Computer Science & Engineering: Tiwari, C., Co-Pf. Geography; O'Neill II, M., Co-Pf. Institute for Applied Sciences Minimizing Access Disparities in Bio-Emergency Response Research Rese	Minimizing Access Dispatrites in Bio-Emergency Response Research National Institutes of Health Federal PI \$8,453 25% Planning Co-PI: Computer Science & Engineering: O'Neill II. M., PI: Institute for Applied Sciences Los Angeles County Department of Pablic Health Emergency Poblic Service Los Angeles County Federal Co-PI \$24,955 50% Preparathesis and Response Program PI: Computer Science & Engineering: O'Neill II. M., Co-PI: Institute for Applied Sciences Development and Deployment of Computational Methods to Program Pi: Computer Science & Engineering: O'Neill II. M., Co-PI: Institute for Applied Sciences Development and Deployment of Computational Methods to Program Pi: Computer Science & Engineering: O'Neill II. M., PI: Institute for Applied Sciences Development and Deployment of Computational Methods to Program Pi: Computer Science & Engineering: O'Neill II. M., PI: Institute for Applied Sciences Development Response Planning for Po Demoental and Distribution of Medical Counter Measures From Regional RSS States to PODs in Texas 15818 Again 6-58 Co-PI: Computer Science & Engineering: O'Neill II. M., PI: Institute for Applied Sciences Totals for Nutler-Armin R Totals for Nutler-Armin R Poblic Research National Science Foundation Federal PI \$5,983 100% International Symposium on VI.SI (IFEF ISVI.SI) Totals for Nohamty-Saraju Totals for Nohamty-Saraju Totals for Nohamty-Saraju Totals for Nohamty-Saraju Totals for Public Service Texas Workforce Commission Federal Co-PI \$48,314 100% International Symposium on VI.SI (IFEF ISVI.SI) Poblic Service Texas Workforce Commission Federal Co-PI \$48,314 100% International Miker, S., Co-PI: Computer Science & Engineering: O'Neill II. M., Co-PI: Institute for Applied Sciences: Towari, C., Co-PI: Geography Miklier, S., Co-PI: Mikler, A., PI: Computer Science & Engineering: Towari, C., Co-PI: Geography: O'Neill II. M., Co-PI: Institute for Applied Sciences Minimizing Access Dispatrites in Bio-Emergency Response Research National Institutes of Health Federal Co-P

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended F This Period	Recognition %	Recognition Amount
Takabi, H	., PI; Bryce, R., Co-PI; Computer Science & Engineering						
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Federal PI	\$101,879	50%	\$50,939.65
GF30047	NSF Student Travel Grant for 2018 ACM Conference on Computer and Communications Security (ACM CCS)	Public Service	National Science Foundation	Federal PI	\$21,932	100%	\$21,932.36
Takabi, H	., PI; Blanco Villar, E., Co-PI; Computer Science & Engine	eering					
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federal PI	\$100,704	70%	\$70,492.56
GF30053	SaTC: CORE: Small: An Attribute-based Insider Threat Mitigation Framework	Research	National Science Foundation	Federal PI	\$75,161	100%	\$75,161.46
GF40115	Export Controlled	Research	Charles River Analytics, Inc.	Federal PI	\$48,190	100%	\$48,190.23
GF70022	ACM CCS 2017-2018 Student Travel Support	Public Service	Army Research Office	Federal PI	\$12,567	100%	\$12,566.70
GF70038	UNT GenCyber Summer Program: Inspiring the Next Generation of Cyber Stars in North Texas	Instruction	National Security Agency	Federal PI	\$855	100%	\$854.51
	Totals for	Takabi,Hassan					\$282,552.61
Tarau,P	aul						
GF1689	SHF: Small: Application of Hereditarily Binary Numbers	Research	National Science Foundation	Federal PI	\$19,394	100%	\$19,394.05
	Totals for	Tarau,Paul					\$19,394.05
Yang,Qi	ng						
GF30041	NeTS: EAGER: Intelligent Information Dissemination in Vehicular Networks based on Social Computing	Research	National Science Foundation	Federal PI	\$99,154	100%	\$99,153.75
Yang, Q.,	Co-PI; Fu, S., PI; Computer Science & Engineering						
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federal Co-PI	\$108,316	50%	\$54,157.85
Yang, Q.,	Co-PI; Huang, Y., PI; Computer Science & Engineering; Z	hong, X., Co-PI; Ele	ctrical Engineering				
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	or Federal Co-PI	\$242,391	30%	\$72,717.43
	Totals for	Yang,Qing					\$226,029.03
71	•						

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
Zhao, H.,	Co-PI; Fu, S., Co-PI; Kavi, K., PI; Computer Science	e & Engineering					
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments Testbench		National Science Foundation	Federal Co-PI	\$4,249	20%	\$849.79
Zhao, H.,	Co-PI; Kavi, K., PI; Fu, S., Co-PI; Computer Science	e & Engineering					
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments Testbench		National Science Foundation	Federal Co-PI	\$28,612	20%	\$5,722.41
	Tot	tals for Zhao,Hui					\$6,572.20
	Total	tals for Computer Science	e & Engineering				\$2,069,680.37
Electrica	l Engineering						
Acevedo	,Miguel F						
GF4209	The Emergence of Coupled Natural and Human Landscap Western Mediterranean	es in the Research	Arizona State University	Federal PI	\$2,243	100%	\$2,242.60
GF70021	Pilot evaluation of a sustainable autonomous brackish groundwater desalination system	Research	The Bureau of Reclamation	Federal PI	\$43,510	100%	\$43,509.80
	Tot	tals for Acevedo, Miguel 1	F				\$45,752.40
Fu,Shen	gli						
GF30031	CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform	Research	National Science Foundation	Federal PI	\$20,693	100%	\$20,693.29
	Tot	tals for Fu,Shengli					\$20,693.29
	upama Bhat PI; Electrical Engineering; Kaul, A., PI; Materials S	cience & Engineering					
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Arrays	h Sensor Research	National Science Foundation	Federal PI	\$39,298	20%	\$7,859.62
Kaul, A.,	PI; Electrical Engineering; Kaul, A., PI; Materials S	cience & Engineering					
GF40066	Electronic and Optical Properties of Two-Dimensional Ti Nbse2 and Elemental Black Phosphorus	se2 & Research	The University of Texas at El Paso	Federal PI	\$14,041	20%	\$2,808.25
Kaul, A.,	PI; Mahbub, I., Co-PI; Electrical Engineering; Kaul,	, A., PI; Materials Scienc	e & Engineering				
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad consection of students for Navy-relevant STEM careers	Instruction ross-	U.S. Office of Naval Research	Federal PI	\$69,056	16%	\$11,048.98
	Tot	tals for Kaul,Anupama B	Shat				\$21,716.85
Lin,Yua Lin, Y., P.	nkun l; Electrical Engineering; Lin, Y., PI; Physics						
GF30032	Collaborative Research: Three Dimensional Laser Holog Nanopatterning Using Metamaterial Phase Masks	raphic Research	National Science Foundation	Federal PI	\$49,602	25%	\$12,400.58

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Lin, Y., PI	; Electrical Engineering; Lin, Y., PI; Physics							
GF4228	Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals	Research	University of Texas at San Antonio	Federa	al PI	-\$4,661	25%	(\$1,165.16)
	Totals for	Lin,Yuankun						\$11,235.43
Mahbub Mahbub, 1	,Ifana I., Co-PI; Kaul, A., PI; Electrical Engineering; Kaul, A., PI,	Materials Science	& Engineering					
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM careers	Instruction	U.S. Office of Naval Research	Federa	al Co-PI	\$69,056	20%	\$13,811.23
	Totals for	Mahbub,Ifana						\$13,811.23
Mehta,G	ayatri							
GF30002	SHF: Small: Visual Architectures: Engaging Crowds in Design and Discovery for Custom Reconfigurable Devices	Research	National Science Foundation	Federa	al PI	\$38,790	100%	\$38,790.27
	Totals for	Mehta,Gayatri						\$38,790.27
	ri,Kameswara Rao , K., PI; Electrical Engineering; Andrew, S., Co-PI; Public	Administration						
GF30005	EAGER: Networked Aerial Base Stations For Enabling Emergency Communications During Disaster Recovery	Research	National Science Foundation	Federa	al PI	\$29,229	50%	\$14,614.42
GF40100	UTM for Wildland Fire Management	Research	Unmanned Experts Inc.	Federa	al PI	\$37,903	100%	\$37,902.50
GF40113	UTM Technical Capability Level 4 (TCL4) Demonstration	Research	Texas A University Corpus Christi	Federa	al PI	\$70,286	100%	\$70,285.93
GS00030	Dose Prediction for Volumetric Modulated Arc Therapy of Prostate Cancer	Research	University of Texas Southwestern Medi	ical State	PI	\$232	100%	\$231.66
	Totals for	Namuduri,Kamesv	wara Rao					\$123,034.51
Yang,Ta	0							
GF70050	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federa	al PI	\$29,852	100%	\$29,852.26
GP20054	A Distributed Coordination Paradigm for Reliable and Resilient Microgrid Operations	Research	Oak Ridge Associated Universities	Privat	e PI	\$4,589	100%	\$4,589.24
	Totals for	Yang,Tao						\$34,441.50
Zhong,X Zhong, X.,	iangnan Co-PI; Electrical Engineering; Huang, Y., PI; Yang, Q., C	o-PI; Computer Sc	ience & Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federa	al Co-PI	\$206,365	20%	\$41,273.04

Space Grant Foundation Federal PI \$7,997 100% \$7,205.2 \$7,205.2
nd Security at Northeastern ity, LLC. \$48,478.2 \$357,953.7 Defense Agency Federal PI \$9,441 75% \$7,080.3 \$7,080.3
\$357,953.7 Defense Agency Federal PI \$9,441 75% \$7,080.3 \$7,080.3
Defense Agency Federal PI \$9,441 75% \$7,080.3 \$7,080.3
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Space Grant Foundation Federal PI \$7,997 100% \$7,997.0
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Defense Agency Federal Co-PI \$9,441 25% \$2,360.1
. & M Engineering Experiment State PI \$55,348 100% \$55,348.1
\$65,705.3
outheastern University Federal PI \$52,191 100% \$52,190.8
\$52,190.8
an Society for Engineering Private PI \$1,551 100% \$1,550.5 on
\$1,550.5
Co-PI; Mukherjee, S., PI; Materials Science & Engineering; Zhang, H., Co-PI; Mechanical &
stern University Federal Co-PI \$54 14.29% \$7.6
PI; Voevodin, A., Co-PI; Materials Science & Engineering; Zhang, H., Co-PI; Mechanical &
stern University Federal Co-PI \$9,354 14.29% \$1,336.7
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Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Mishingineering	a, R., Co-PI; Mukhe	erjee, S., Co-PI; Voevodin, A., Co	-PI; Materials Sci	ence & E	'ngineering; Zha	ang, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral PI	\$457	14.29%	\$65.36
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Voevo ngineering	odin, A., Co-PI; Muk	herjee, S., Co-PI; Mishra, R., Co	-PI; Materials Sci	ence & E	ngineering; Zha	ung, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral PI	\$17,062	14.29%	\$2,438.10
	ani, S., Co-PI; Yu, C., Co-PI; Engineering Technology; D ngineering	ahotre, N., Co-PI; V	oevodin, A., Co-PI; Mukherjee, S	S., PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$6,393	15%	\$958.91
	ani, S., Co-PI; Yu, C., Co-PI; Engineering Technology; M ngineering	ukherjee, S., PI; Da	hotre, N., Co-PI; Voevodin, A., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$74,247	15%	\$11,137.05
	ani, S., Co-PI; Yu, C., Co-PI; Engineering Technology; M ngineering	lukherjee, S., PI; Voe	evodin, A., Co-PI; Dahotre, N., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$2,340	15%	\$351.04
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Daho ngineering	tre, N., Co-PI; Mukh	nerjee, S., Co-PI; Voevodin, A., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$57,408	15%	\$8,611.18
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Daho ngineering	tre, N., Co-PI; Voev	odin, A., Co-PI; Mukherjee, S., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$6,877	15%	\$1,031.58
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Mukh ngineering	erjee, S., Co-PI; Da	hotre, N., Co-PI; Voevodin, A., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$48,489	15%	\$7,273.42
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Daho ngineering	tre, N., Co-PI; Mukh	nerjee, S., Co-PI; Voevodin, A., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$24,179	15%	\$3,626.78
	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Mukh ngineering	erjee, S., Co-PI; Voe	evodin, A., Co-PI; Dahotre, N., C	o-PI; Materials So	cience &	Engineering; Zh	nang, H., Co-PI,	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$3,473	15%	\$520.96

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
	nni, S., PI; Yu, C., Co-PI; Engineering Technology; Zhang, Engineering	H., Co-PI; Mechan	nical & Energy Engineering; Dahotre	e, N., Co-PI; N	Mukherje	e, S., Co - PI; Vo	evodin, A., Co-F	I; Materials
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral PI	\$705	5 15%	\$105.72
	Totals for	Nasrazadani,Seifo	ollah					\$37,464.50
	David Richard D., PI; Engineering Technology; Bomba, M., Co-PI; Nowic	ki, D., PI; Marketii	ng & Logistics; Carroll, M., Co-PI; E	Economics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Fede	ral PI	\$70,317	7 10%	\$7,031.69
Nowicki, I	D., PI; Engineering Technology; Nowicki, D., PI; Bomba, I	M., Co-PI; Marketii	ng & Logistics; Carroll, M., Co-PI; E	Economics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Fede	ral PI	\$206,884	10%	\$20,688.40
	Totals for	Nowicki,David Ri	chard					\$27,720.09
Siller car	rillo,Hector Rafael							
GP20068	Additive Manufacturing Interuniversity Program Initiative	Instruction	Partners of the Americas	Priva	nte PI	\$72	2 100%	\$71.50
	Totals for	Siller carrillo,Hec	tor Rafael					\$71.50
Yu, Chen Yu, C., Co Energy Er	-PI; Nasrazadani, S., Co-PI; Engineering Technology; Mis	shra, R., Co-PI; Vo	evodin, A., Co-PI; Mukherjee, S., PI;	Materials Sci	ience & E	Engineering; Zho	ang, H., Co-PI;	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$54	14.29%	\$7.69
Yu, C., Co Energy Er	-PI; Nasrazadani, S., Co-PI; Engineering Technology; Mu gineering	kherjee, S., PI; Mis	shra, R., Co-PI; Voevodin, A., Co-PI;	Materials Sci	ience & E	Ingineering; Zho	ang, H., Co-PI;	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$9,354	14.29%	\$1,336.72
Yu, C., Co Energy Er	-PI; Nasrazadani, S., PI; Engineering Technology; Mishra Igineering	, R., Co-PI; Mukhe	erjee, S., Co-PI; Voevodin, A., Co-PI;	Materials Sci	ience & E	Ingineering; Zh	ang, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$457	7 14.29%	\$65.36
Yu, C., Co Energy Er	-PI; Nasrazadani, S., PI; Engineering Technology; Voevoorgineering	lin, A., Co-PI; Muk	herjee, S., Co-PI; Mishra, R., Co-PI;	Materials Sci	ience & E	Ingineering; Zho	ang, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$17,062	2 14.29%	\$2,438.10
Yu, C., Co Energy Er	-PI; Nasrazadani, S., Co-PI; Engineering Technology; Da gineering	hotre, N., Co-PI; V	oevodin, A., Co-PI; Mukherjee, S., Pi	I; Materials S	cience &	Engineering; Z	hang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$6,393	3 15%	\$958.91

Project ID	Title	Category	Sponsor	U	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	o-PI; Nasrazadani, S., Co-PI; Engineering Technology; Mukh Ingineering	nerjee, S., PI; Da	hotre, N., Co-PI; Voevodin, A., Co-P.	I; Materials So	cience & .	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$74,247	15%	\$11,137.05
	o-PI; Nasrazadani, S., Co-PI; Engineering Technology; Mukh Ingineering	nerjee, S., PI; Voe	evodin, A., Co-PI; Dahotre, N., Co-P.	I; Materials So	cience & .	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$2,340	15%	\$351.04
	o-PI; Nasrazadani, S., PI; Engineering Technology; Dahotre, Ingineering	N., Co-PI; Mukh	nerjee, S., Co-PI; Voevodin, A., Co-P.	I; Materials So	cience &	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$57,408	15%	\$8,611.18
	o-PI; Nasrazadani, S., PI; Engineering Technology; Dahotre, Ingineering	N., Co-PI; Voeve	odin, A., Co-PI; Mukherjee, S., Co-P.	I; Materials So	cience &	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$6,877	15%	\$1,031.58
	o-PI; Nasrazadani, S., PI; Engineering Technology; Mukherjo Ingineering	ee, S., Co-PI; Da	hotre, N., Co-PI; Voevodin, A., Co-P.	I; Materials So	cience & .	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$48,489	15%	\$7,273.42
	o-PI; Nasrazadani, S., PI; Engineering Technology; Dahotre, Ingineering	N., Co-PI; Mukh	nerjee, S., Co-PI; Voevodin, A., Co-P.	I; Materials So	cience & .	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$24,179	15%	\$3,626.78
	o-PI; Nasrazadani, S., PI; Engineering Technology; Mukherjo Ingineering	ee, S., Co-PI; Voe	evodin, A., Co-PI; Dahotre, N., Co-P.	I; Materials So	cience & .	Engineering; Zh	ang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$3,473	15%	\$520.96
	o-PI; Nasrazadani, S., PI; Engineering Technology; Zhang, H & Engineering	I., Co-PI; Mecha	nical & Energy Engineering; Dahotro	e, N., Co-PI; N	Aukherjee	e, S., Co-PI; Voe	evodin, A., Co-P	I; Materials
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$705	15%	\$105.72
GP00031	Investigation on bolted connections in cold-formed steel members using J429 SAE bolts	Research	American Iron and Steel Institute	Priva	te PI	\$5,151	100%	\$5,150.82
GP20000	Load Bearing Clip Angle Design - Phase 2	Research	American Iron and Steel Institute	Priva	te PI	\$562	100%	\$561.89
	Totals for	Yu,Cheng						\$43,177.21
		Engineering Tech	nology					\$234,960.39
Materia	ls Science & Engineering							

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30077	INFEWS/T2: Improving crop yield and soil salinity by cost- effective integration of microbial community, hydrology, desalination, and renewable power	Research	National Science Foundation	Feder	al PI	\$15,695	100%	\$15,695.12
	Totals for	Acevedo,Miguel	F					\$15,695.12
Aouadi, S.	Samir M ., PI; Young, M., Co-PI; Materials Science & Engineering; A	Aouadi, S., PI; Ph	hysics					
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	National Science Foundation	Feder	al PI	-\$502	40%	(\$200.80)
Aouadi, S.	., Co-PI; Berman, D., Co-PI; Dahotre, N., Co-PI; Voevodin,	A., Co-PI; Youn	g, M., PI; Materials Science & Engin	neering; Aouadi	, S., Co-l	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$4,156	20%	\$831.11
Aouadi, S.	., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-	PI; Voevodin, A.	, Co-PI; Dahotre, N., Co-PI; Materio	als Science & E	ngineerin	ıg; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$3,135	4%	\$125.38
Aouadi, S.	., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., Co	o-PI; Berman, D.	, Co-PI; Dahotre, N., Co-PI; Materio	als Science & E	ngineerin	ıg; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$9,742	4%	\$389.70
Aouadi, S.	., Co-PI; Young, M., PI; Berman, D., Co-PI; Aouadi, S., Co-	PI; Voevodin, A.	, Co-PI; Dahotre, N., Co-PI; Materio	als Science & E	ngineerin	ng; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$3,135	16%	\$501.52
Aouadi, S.	., Co-PI; Young, M., PI; Berman, D., Co-PI; Dahotre, N., Co	o - PI; Voevodin, A	4., Co-PI; Materials Science & Engin	neering; Aouadi	, S., Co-1	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$13,450	20%	\$2,689.92
Aouadi, S.	., Co-PI; Young, M., PI; Voevodin, A., Co-PI; Berman, D., C	Co-PI; Aouadi, S.	, Co-PI; Dahotre, N., Co-PI; Materio	als Science & E	ngineerir	ıg; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$9,742	16%	\$1,558.79
	Totals for	Aouadi,Samir M						\$5,895.62
	e ,Rajarshi R., PI; Srivilliputhur, S., Co-PI; Materials Science & Engin	eering						
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	National Science Foundation	Feder	al PI	\$3,778	50%	\$1,889.00
GF30070	Collaborative Research: Fine Scale Alpha Precipitation and Resulting Deformation Mechanisms in Titanium Alloys	Research	National Science Foundation	Feder	al PI	\$22,618	100%	\$22,617.88
Banerjee,	R., Co-PI; Mishra, R., PI; Mukherjee, S., Co-PI; Reidy III, I	R., Co-PI; Scharf	f, T., Co-PI; Xia, Z., Co-PI; Young, M	M., Co-PI; Mate	rials Scie	ence & Engineer	ing; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	_	Temple University - Of The Commonwealth System of Higher Education	Feder	al Co-PI	_	_	\$131,759.89

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	R., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Xia, Z., Co-PI; You ., Co-PI; Chemistry	ng, M., Co-PI; S	Scharf, T., Co-PI; Mukherjee, S., Co-PI	; Reidy III,	R., <i>Co-PI</i> ,	: Materials Scie	nce & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	-\$760	10%	(\$75.97)
Banerjee,	R., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf,	T., Co-PI; Xia,	Z., Co-PI; Young, M., Co-PI; Mishra,	R., PI; Mate	rials Scie	nce & Engineer	ing; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$2,748	10%	\$274.85
Banerjee,	R., Co-PI; Voevodin, A., PI; Dahotre, N., Co-PI; Mishra, R.,	Co-PI; Material	ls Science & Engineering					
GF40050	Material Testing and Characterization in Support of Laser De- Painting Technologies	Research	University of Dayton	Fede	ral Co-PI	-\$1,233	25%	(\$308.27)
Banerjee,	R., Co-PI; Scharf, T., PI; Materials Science & Engineering							
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	h Fede	ral Co-PI	\$53,265	50%	\$26,632.38
GF70030	Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications	Research	Air Force Office of Scientific Research	h Fede	ral PI	\$258,483	100%	\$258,482.86
	R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Science & Engineering; Xia, Z., Co-PI; Chemistry	Co-PI; Reidy III	I, R., Co-PI; Scharf, T., Co-PI; Srivillip	outhur, S., C	o-PI; Xia,	Z., Co-PI; You	ng, M., Co-PI; I	Mishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$91,094	12%	\$10,931.23
	R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Mishra, R., PI; Materials Science & Engineering; Xia,	Co-PI; Reidy III	I, R., Co-PI; Scharf, T., Co-PI; Srivillip	outhur, S., C	o-PI; Xia,	Z., Co-PI; You	ng, M., Co-PI; I	Voevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	12%	\$12,023.22
	R., Co-PI; Mishra, R., PI; Dahotre, N., Co-PI; Du, J., Co-PI; Science & Engineering; Xia, Z., Co-PI; Chemistry	Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T.,	Co-PI; Sriv	illiputhur,	S., Co-PI; Xia,	, Z., Co-PI; You	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$331,411	12%	\$39,769.34
-	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Dahotre, N g, M., Co-PI; Materials Science & Engineering; Verbe	, Co-PI; Du, J.,	Co-PI; Mukherjee, S., Co-PI; Reidy II.	I, R., Co-PI;	Scharf, T	T., Co-PI; Srivil	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	12%	\$64,335.26
	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R ., Co-PI; Young, M., Co-PI; Materials Science & En	., Co-PI; Srivill	iputhur, S., Co-PI; Xia, Z., Co-PI; Dah	otre, N., Co	-PI; Du, J	., Co-PI; Mukh	erjee, S., Co-PI;	Scharf, T., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	12%	\$13,529.09
							I. EVIA	

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M re, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	., Co-PI; Srivillip	uthur, S., Co-PI; Mukherjee, S., Co-F	PI; Scharf, T.,	Co-PI; Xi	a, Z., Co-PI; D	u, J., Co-PI; Rei	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	12%	\$10,521.12
	R., Co-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., Co- o-PI; Materials Science & Engineering; Xia, Z., C	-PI; Du, J., Co-PI	I; Xia, Z., Co-PI; Dahotre, N., Co-PI;	: Srivilliputhui	; S., Co-P	I; Mukherjee, S	S., Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	12%	\$19,770.94
Banerjee,	R., Co-PI; Dahotre, N., PI; Voevodin, A., Co-PI; Materials	Science & Engine	ering					
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$15,478	47%	\$7,274.83
Banerjee,	R., Co-PI; Voevodin, A., PI; Dahotre, N., Co-PI; Materials	Science & Engine	ering					
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$14,869	25%	\$3,717.15
GP00018	Phase II of AM processed Nickel Alloy-X	Research	Oerlikon Metco (US) Inc.	Priva	ite PI	\$3,263	100%	\$3,263.47
	Totals for	Banerjee,Rajarsh	i					\$626,408.26
Berman,	Diana							
GF40058	Understanding and Prediction of the Coupled Stress-Induced Evolution of Nanoscale Materials Interfaces	Research	University of California, Merced	Fede	ral PI	\$2,894	100%	\$2,894.38
Berman, I	D., Co-PI; Aouadi, S., Co-PI; Dahotre, N., Co-PI; Voevodin,	A., Co-PI; Young	g, M., PI; Materials Science & Engine	eering; Aouad	i, S., Co-F	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$4,156	25%	\$1,038.89
Berman, I	D., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Aouadi, S., Co-	PI; Voevodin, A.,	Co-PI; Dahotre, N., Co-PI; Material	ls Science & E	ngineerin	g; Aouadi, S., (Co-PI; Aouadi, S	., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$3,135	25%	\$783.63
Berman, I	D., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Dahotre, N., Co	o-PI; Voevodin, A	., Co-PI; Materials Science & Engine	eering; Aouad	i, S., Co-F	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$13,450	25%	\$3,362.40
Berman, I	D., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., C	Co-PI; Aouadi, S.,	Co-PI; Dahotre, N., Co-PI; Material	ls Science & E	ngineerin	g; Aouadi, S., (Co - PI; Aouadi, S	., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$9,742	25%	\$2,435.60
GP00051	Materials Characterizations for Sensing Applications	Research	Honeywell International Inc.	Priva	ite PI	\$3,738	100%	\$3,738.13
	Totals for	Berman,Diana						\$14,253.03

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Choi, T.,	Co-PI; Materials Science & Engineering; Krokhin, A., Co-P	I; Neogi, A., PI; P	hysics					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	ral Co-PI	\$32,555	20%	\$6,511.02
Choi, T.,	Co-PI; Materials Science & Engineering; Neogi, A., PI; Kro	khin, A., Co-PI; P.	hysics					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	ral Co-PI	\$82,080	20%	\$16,416.04
	Totals for	Choi,Tae-Youl						\$22,927.07
Choi, W.,	onbong PI; Materials Science & Engineering; Choi, W., PI; Mechan	nical & Energy Eng	gineering					
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research ar Development	nd Feder	ral PI	\$108,874	80%	\$87,098.93
Choi, W.,	PI; Materials Science & Engineering; Choi, W., PI; Mechan	nical & Energy Eng	gineering					
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technolog	gy Priva	te PI	\$8,153	80%	\$6,522.05
	Totals for	Choi, Wonbong						\$93,620.98
	e ,Narendra B N., Co-PI; Voevodin, A., PI; Banerjee, R., Co-PI; Mishra, R	., Co-PI; Materials	s Science & Engineering					
GF40050	Material Testing and Characterization in Support of Laser De- Painting Technologies	Research	University of Dayton	Feder	ral Co-PI	-\$1,233	25%	(\$308.27)
	N., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Material ingineering	s Science & Engin	eering; Nasrazadani, S., Co-PI; Yu, C.,	Co-PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$74,247	25%	\$18,561.76
	N., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Material ing Technology	s Science & Engin	eering; Zhang, H., Co-PI; Mechanical	& Energy E	ngineerin	ng; Nasrazadani,	, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$2,340	25%	\$585.07
	N., Co-PI; Voevodin, A., Co-PI; Mukherjee, S., PI; Material ingineering	s Science & Engin	eering; Nasrazadani, S., Co-PI; Yu, C.,	Co-PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$6,393	25%	\$1,598.19
	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mateingineering	rials Science & En	ngineering; Nasrazadani, S., PI; Yu, C.,	Co-PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$92,177	25%	\$23,044.21
	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mateingineering	rials Science & En	ngineering; Yu, C., Co-PI; Nasrazadani	i, S., PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$13,720	25%	\$3,430.12

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
	N., Co-PI; Voevodin, A., Co-PI; Mukherjee, S., Co-PI; M ngineering	laterials Science & E	ngineering; Nasrazadani, S., PI; Yu,	, C., Co-PI; En	gineering	Technology; Zł	nang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$6,877	25%	\$1,719.29
	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; M ngineering	laterials Science & El	ngineering; Nasrazadani, S., PI; Yu,	, C., Co-PI; Eng	gineering	Technology; Zł	nang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$23,465	25%	\$5,866.33
	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; M ngineering	laterials Science & El	ngineering; Yu, C., Co-PI; Nasrazad	dani, S., PI; En	gineering	Technology; Zh	nang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$4,891	25%	\$1,222.76
	N., Co-PI; Banerjee, R., Co-PI; Du, J., Co-PI; Mukherje Science & Engineering; Xia, Z., Co-PI; Chemistry	e, S., Co-PI; Reidy III	I, R., Co-PI; Scharf, T., Co-PI; Srivi	illiputhur, S., C	o-PI; Xia,	Z., Co-PI; You	ng, M., Co-PI; N	Aishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$91,094	9%	\$8,198.42
	N., Co-PI; Banerjee, R., Co-PI; Du, J., Co-PI; Mukherje Mishra, R., PI; Materials Science & Engineering; Xia,	e, S., Co-PI; Reidy III	I, R., Co-PI; Scharf, T., Co-PI; Srivi	illiputhur, S., C	o-PI; Xia,	Z., Co-PI; You	ng, M., Co-PI; V	oevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	9%	\$9,017.42
	N., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Du, J., C Science & Engineering; Xia, Z., Co-PI; Chemistry	o-PI; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf,	T., Co-PI; Sriv	illiputhur	, S., Co-PI; Xia,	Z., Co-PI; Your	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$331,411	9%	\$29,827.00
	N., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerj g, M., Co-PI; Materials Science & Engineering; Verbe	iee, R., Co-PI; Du, J.,	Co-PI; Mukherjee, S., Co-PI; Reidy	y III, R., Co-PI;	Scharf, T	T., Co-PI; Srivil	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	9%	\$48,251.44
	N., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy R., Co-PI; Young, M., Co-PI; Materials Science & En	III, R., Co-PI; Srivilli	puthur, S., Co-PI; Xia, Z., Co-PI; D	u, J., Co-PI; M	ukherjee,	S., Co-PI; Scha	erf, T., Co-PI; Xi	a, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	9%	\$10,146.82
	N., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young R., Co-PI; Xia, Z., Co-PI; Materials Science & En	, M., Co-PI; Srivillipi	uthur, S., Co-PI; Mukherjee, S., Co-	PI; Scharf, T., (Co-PI; Xi	a, Z., Co-PI; Dı	ı, J., Co-PI; Ban	erjee, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	9%	\$7,890.84

Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance Dahotre, N., PI; Banerjee, R., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal PI Sight Weight and Adaptive Materials Dahotre, N., PI; Voevodin, A., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal PI Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI Sight Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Woevodin, A., Co-PI; Materials Science & Engineering; Aouadi, GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Sight Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Woevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI; Sight Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physical Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physica	jee, S., Co-PI; Reidy	v III, R., Co-PI;
Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance Dahotre, N., PI; Banerjee, R., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal PI \$1.50 Light Weight and Adaptive Materials Dahotre, N., PI; Voevodin, A., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal PI Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US Army Research Laboratory Federal Co-PI \$1.50 Science Research US A		
GF70046 Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials Dahotre, N., PI; Voevodin, A., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Co-PI; Young, M., PI; Young, M., PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Woevodin, A., Co-PI; Materials Science & Engineering; Aouadi, GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, School Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, School Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, School Co-PI; Physical Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, School Co-PI; Physical Co-PI; Young, M., PI; Aouadi, School Characterization of Research US Army Research Laboratory Federal Co-PI School Co-PI; Young, M., PI; Aouadi, School Characterization of Research US Army Research Laboratory Federal Co-PI	4,758 9%	\$14,828.21
Light Weight and Adaptive Materials Dahotre, N., PI; Voevodin, A., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering GF70046 Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Aouadi, S., Co-PI; Voevodin, A., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Aouadi, S., Co-PI; Physics Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Science Research Processing Advanced Manufacturing, Processing Advanced Manufacturing, Processing Advanced Manufacturing, Processing Ad		
GF70046 Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing Processing and Characterization of Research US Army Research Laboratory Federal Co-PI STATEMENT OF THE Advanced Manufacturing Processing and Characterization of Research US Army Research Laboratory Federal Co-PI	4,557 47%	\$6,841.97
Light Weight and Adaptive Materials Dahotre, N., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Young, M., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1.		
GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI School Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1	\$921 47%	\$432.87
Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$\frac{1}{2}\$\$,	
GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI States and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1.000000000000000000000000000000000000	4,156 0%	\$0.00
Light Weight and Adaptive Materials Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$	S., Co-PI; Aouadi,	S., Co-PI; Physics
GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1	3,135 0%	\$0.00
	,	
	3,450 0%	\$0.00
Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-PI; Materials Science & Engineering; Aouadi	S., Co-PI; Aouadi,	S., Co-PI; Physics
GF70047 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI Light Weight and Adaptive Materials	9,742 0%	\$0.00
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering		
GF70048 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1 Light Weight and Adaptive Materials	0,460 %	\$0.00
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering		
GF70048 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$4 Light Weight and Adaptive Materials	0,071 0%	\$0.00
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering		
GF70049 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1 Light Weight and Adaptive Materials	0,829 %	\$0.00
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering		
GF70049 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$900 Light Weight and Adaptive Materials	3,363 0%	\$0.00
Dahotre, N., Co-PI; Voevodin, A., PI; Banerjee, R., Co-PI; Materials Science & Engineering		
GF70052 Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory Federal Co-PI \$1 Light Weight and Adaptive Materials		

Project ID		Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
GP50002	Laser Shaping of Biological Hard Tissue and Bone: Fundamentals and Engineering	Research	Australian Institute of Robotic Orthopaedics (AIRO)	Priva	te PI	\$36,424	100%	\$36,424.36
	Totals for	Dahotre,Narendr	а В					\$231,295.95
D'souza,	Francis F., PI; Materials Science & Engineering; D'souza, F., PI; Che	mistry						
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	National Science Foundation	Feder	ral PI	\$2,189	20%	\$437.79
D'souza,	F., Co-PI; Materials Science & Engineering; D'souza, F., Co-	PI; Wang, H., P	I; Chemistry					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Feder	ral Co-PI	\$9,276	8%	\$742.08
D'souza, F., Co-PI; Materials Science & Engineering; Wang, H., PI; D'souza, F., Co-PI; Chemistry								
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Feder	ral Co-PI	\$132,316	8%	\$10,585.26
	Totals for	D'souza,Francis						\$11,765.13
D'Souza,	,Nandika Anne N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineer ematics; Boyd, R., Co-PI; Teacher Education & Administrat	ing; Dixon, R., I	PI; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-	PI; Biolog	gical Sciences; .	Azad, R., Co-PI;	Azad, R., Co-
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$17,555	1.6%	\$280.87
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineer ematics; Boyd, R., Co-PI; Teacher Education & Administrat	ing; Dixon, R., I	PI; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-	PI; Biolog	gical Sciences; .	Azad, R., Co-PI;	Azad, R., Co-
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$17,555	0.4%	\$70.22
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineer echanical & Energy Engineering; Azad, R., Co-PI; Azad,	ing; Dixon, R., I	PI; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-	PI; Biolog	gical Sciences;	D'Souza, N., Co-	-PI; D'Souza, N.,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,702	0.4%	\$62.81
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineer echanical & Energy Engineering; Azad, R., Co-PI; Azad,	ing; Dixon, R., I	PI; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-	PI; Biolog	gical Sciences; I	D'Souza, N., Co-	-PI; D'Souza, N.,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,702	1.6%	\$251.23
D'Souza, N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineering; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biological Sciences; D'Souza, N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engineering; Boyd, R., Co-PI; Teach								
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$11,327	0.4%	\$45.31
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Engineer echanical & Energy Engineering; Boyd, R., Co-PI; Teach	ing; Dixon, R., I	PI; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-	PI; Biolog	gical Sciences;	D'Souza, N., Co-	-PI; D'Souza, N.,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$11,327	1.6%	\$181.23
	N., Co-PI; Materials Science & Engineering; Azad, R., Co-PI, ation; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	Mathematics; 2	Azad, R., Co-PI; Chen, F., Co-PI; Dix	xon, R., PI; Bio	ological S	Sciences; Boyd,	R., Co-PI; Teac	her Education &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$39,840	2%	\$796.80
	N., Co-PI; Materials Science & Engineering; Dixon, R., PI; A. ration; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	zad, R., Co-PI;	Chen, F., Co-PI; Biological Sciences,	; Azad, R., Co-	PI; Math	ematics; Boyd,	R., Co-PI; Teach	her Education &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$130,972	2%	\$2,619.44

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
D'Souza, 1	N., PI; Materials Science & Engineering; D'Souza, N., PI; M	1echanical & Energ	y Engineering					
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Feder	ral PI	\$41,843	20%	\$8,368.66
	N., Co-PI; Materials Science & Engineering; D'Souza, N., C Rehabilitation	Co-PI; Mechanical &	& Energy Engineering; Ennis-Cole	, D., Co - PI; Le	arning Te	chnologies; Ho	lloway, L., PI; I	Disability &
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Feder	ral Co-PI	\$801	26.67%	\$213.56
	N., Co-PI; Materials Science & Engineering; Holloway, L., Technologies	PI; Disability & Add	diction Rehabilitation; D'Souza, N.	., Co-PI; Mech	anical &	Energy Enginee	ering; Ennis-Col	e, D., Co-PI;
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Feder	ral Co-PI	-\$3,540	26.67%	(\$944.10)
D'Souza, 1	N., PI; Materials Science & Engineering; D'Souza, N., PI; M	1echanical & Energ	y Engineering; Ludi, S., Co-PI; Co	omputer Science	e & Engir	neering		
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Priva	te PI	\$4,636	10%	\$463.59
	Totals for	D'Souza,Nandika A	nne					\$12,409.62
Du,Jinch	neng							
GF1738	GOALI:COLLABORATIVE RESEARCH: Understanding Composition Structure-Chemical Durability Relationships in Multicomponent Oxide Glasses: Influence of Mixed Network Former	Research	National Science Foundation	Feder	ral PI	\$24,143	100%	\$24,143.17
GF40041	Understanding Fundamental Science Governing the Development and Performance of Nuclear Waste Glasses	Research	Rutgers University - New Brunswic	ck Feder	ral PI	\$128,115	100%	\$128,114.62
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Feder	ral PI	\$199,132	100%	\$199,131.50
Du, J., Co	-PI; Materials Science & Engineering; Omary, M., OPI; Slo	aughter III, L., Co-P	PI; Chemistry					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$42,424	20%	\$8,484.88
Du, J., Co	-PI; Materials Science & Engineering; Omary, M., PI; Slaw	ghter III, L., Co-PI;	Chemistry					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$40,610	20%	\$8,122.08
Du, J., Co	-PI; Materials Science & Engineering; Slaughter III, L., Co	-PI; Omary, M., PI;	Chemistry					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$61,270	20%	\$12,253.99
Du, J., Co	-PI; Materials Science & Engineering; Slaughter III, L., PI,	Chemistry						
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$72,522	20%	\$14,504.40
Du, J., Co	-PI; Materials Science & Engineering; Slaughter III, L., PI,	Omary, M., OPI; C	Chemistry					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$17,727	20%	\$3,545.38

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
	-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Mukherjee, S Science & Engineering; Xia, Z., Co-PI; Chemistry	., Co-PI; Reidy III, I	R., Co-PI; Scharf, T., Co-PI; Srivi	lliputhur, S., Co-PI; Xia	, Z., Co-PI; Your	ıg, M., Co-PI; N	Aishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$91,094	8%	\$7,287.49
	-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Mukherjee, S Mishra, R., PI; Materials Science & Engineering; Xia,	., Co-PI; Reidy III, I	R., Co-PI; Scharf, T., Co-PI; Srivi	lliputhur, S., Co-PI; Xia	, Z., Co-PI; Your	ag, M., Co-PI; V	oevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$100,194	8%	\$8,015.48
	-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co-P Science & Engineering; Xia, Z., Co-PI; Chemistry	I; Mukherjee, S., Co	o-PI; Reidy III, R., Co-PI; Scharf,	T., Co-PI; Srivilliputhur	, S., Co-PI; Xia,	Z., Co-PI; Your	ıg, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$331,411	8%	\$26,512.89
	p-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co g, M., Co-PI; Materials Science & Engineering; Verbe	o-PI; Dahotre, N., C	o-PI; Mukherjee, S., Co-PI; Reidy	v III, R., Co-PI; Scharf,	T., Co-PI; Srivill	iputhur, S., Co-l	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$536,127	8%	\$42,890.17
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R., Co R., Co-PI; Young, M., Co-PI; Materials Science & En	o-PI; Srivilliputhur,	S., Co-PI; Xia, Z., Co-PI; Dahotre	e, N., Co-PI; Mukherjee,	S., Co-PI; Schar	rf, T., Co-PI; Xi	a, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$112,742	8%	\$9,019.39
	p-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-I re, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	PI; Srivilliputhur, S.,	, Co-PI; Mukherjee, S., Co-PI; Sci	harf, T., Co-PI; Xia, Z.,	Co-PI; Banerjee	, R., Co-PI; Rei	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$87,676	8%	\$7,014.08
	o-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., Co-PI; X o-PI; Materials Science & Engineering; Xia, Z., C	ia, Z., Co-PI; Dahot	re, N., Co-PI; Banerjee, R., Co-PI	I; Srivilliputhur, S., Co-	PI; Mukherjee, S.	, Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-Pl	\$164,758	8%	\$13,180.63
GP50005	AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions	Research	Asahi Glass Co., Ltd. (AGC)	Private PI	\$99,387	100%	\$99,386.97
	Totals for	Du,Jincheng					\$611,607.12
	upama Bhat PI; Materials Science & Engineering; Kaul, A., PI; Electrico	al Engineering					
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Federal PI	\$39,298	80%	\$31,438.47

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended R This Period	ecognition %	Recognition Amount
Kaul, A.,	PI; Materials Science & Engineering; Kaul, A., PI; Electric	al Engineering						
GF40066	Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus	Research	The University of Texas at El Paso	Fede	ral PI	\$14,041	80%	\$11,233.00
Kaul, A.,	PI; Materials Science & Engineering; Kaul, A., PI; Mahbub	, I., Co-PI; Electri	cal Engineering					
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM careers	Instruction	U.S. Office of Naval Research	Fede	ral PI	\$69,056	64%	\$44,195.94
	Totals for	Kaul,Anupama Bl	nat					\$86,867.41
Mishra,	Rajiv Sharan							
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research	National Science Foundation	Fede	ral PI	\$75,734	100%	\$75,734.12
GF1715	Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing	Research	National Science Foundation	Fede	ral PI	-\$142	100%	(\$141.53)
Mishra, R	., PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Reidy III,	R., Co-PI; Scharf,	T., Co-PI; Xia, Z., Co-PI; Young, M.	., Co-PI; Mate	erials Scie	ence & Engineering	g; Xia, Z., Co-	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral PI	\$1,320,347	40%	\$528,138.93
	a., PI; Xia, Z., Co-PI; Banerjee, R., Co-PI; Xia, Z., Co-PI; Y., L., Co-PI; Chemistry	oung, M., Co-PI; S	charf, T., Co-PI; Mukherjee, S., Co-	PI; Reidy III,	R., Co-P1	; Materials Scienc	e & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral PI	-\$760	40%	(\$303.89)
	., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials ngineering	Science & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Eng	ineering '	Technology; Zhang	g, H., Co-PI; I	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$9,371	14.29%	\$1,339.14
	., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials ng Technology	Science & Engine	ering; Zhang, H., Co-PI; Mechanica	l & Energy En	ngineering	g; Yu, C., Co-PI; N	Iasrazadani, S	S., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	-\$17	14.29%	(\$2.43)
	., Co-PI; Voevodin, A., Co-PI; Mukherjee, S., PI; Materials ngineering	Science & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Eng	ineering '	Technology; Zhang	g, H., Co-PI; I	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$54	14.29%	\$7.69
	., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Materngineering	ials Science & Eng	rineering; Nasrazadani, S., PI; Yu, C	C., Co-PI; Eng	ineering '	Technology; Zhang	g, H., Co-PI; I	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$457	14.29%	\$65.36

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	., Co-PI; Voevodin, A., Co-PI; Mukherjee, S., Co-PI; Materi gineering	als Science & Eng	gineering; Nasrazadani, S., PI; Yu, C.	, Co-PI; Engi	neering T	echnology; Zh	ang, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	ral Co-PI	\$17,062	14.29%	\$2,438.10
Mishra, R.	., Co-PI; Voevodin, A., PI; Banerjee, R., Co-PI; Dahotre, N.	, Co-PI; Material	ls Science & Engineering					
GF40050	Material Testing and Characterization in Support of Laser De- Painting Technologies	Research	University of Dayton	Feder	ral Co-PI	-\$1,233	25%	(\$308.27)
GF40056	Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications	Research	University of Central Florida	Feder	ral PI	\$79,821	100%	\$79,821.45
Mishra, R.	., PI; Materials Science & Engineering; Prasad, V., Co-PI; I	Mechanical & En	ergy Engineering					
GF40083	FSW of Sealed Box Structures (Joining R3-3)	Research	American Lightweight Materials Manufacturing Innovation Institute	Feder	ral PI	\$21,248	50%	\$10,623.95
GF40084	Joining R39	Research	American Lightweight Materials Manufacturing Innovation Institute (ALMMII)	Feder	ral PI	\$20,976	100%	\$20,975.71
GF40091	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Feder	ral PI	\$62,162	2 100%	\$62,161.99
GF40123	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Feder	ral PI	\$13,975	100%	\$13,974.68
GF70017	Cooperative Agreement # W911NF-13-2-0018 - Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research	US Army Research Laboratory	Feder	ral PI	\$616	100%	\$615.87
GF70024	Acquisition of a multi-physics materials processing equipment to investigate magnetic field effects	Research	Army Research Office	Feder	ral PI	-\$3,046	100%	(\$3,046.38)
GF70027	Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research	US Army Research Laboratory	Feder	ral PI	-\$7,447	100%	(\$7,447.22)
GF70034	Superpredictor for Friction Stir Welding and Dissimilar Material Joining - CFSP IUCRC Membership Funded in P00015 to W911NF-13-2-0018	Research	US Army Research Laboratory	Feder	al PI	\$1,208	100%	\$1,208.24
	., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-P. Science & Engineering; Xia, Z., Co-PI; Chemistry	I; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T.	, Co-PI; Srivi	illiputhur	S., Co-PI; Xia	, Z., Co-PI; You	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral PI	\$422,505	23%	\$97,176.09
	., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-P. A., OTHER; Materials Science & Engineering; Xia,	I; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T.	., Co-PI; Srivi	illiputhur,	S., Co-PI; Xia	, Z., Co-PI; You	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral PI	\$100,194	15%	\$15,029.03

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N , M., Co-PI; Materials Science & Engineering; Verbe	I., Co-PI; Du, J.,	Co-PI; Mukherjee, S., Co-PI; Reidy	III, R., Co-PI;	Scharf, T	., Co-PI; Srivil	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al PI	\$536,127	15%	\$80,419.07
	., PI; Voevodin, A., OTHER; Reidy III, R., Co-PI; Srivilliputh R., Co-PI; Young, M., Co-PI; Materials Science & En	ur, S., Co-PI; Xi	a, Z., Co-PI; Dahotre, N., Co-PI; Di	ı, J., Co-PI; M	ukherjee,	S., Co-PI; Scha	urf, T., Co-PI; Xi	ia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al PI	\$112,742	15%	\$16,911.36
	., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliputhu. re, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	r, S., Co-PI; Muk	herjee, S., Co-PI; Scharf, T., Co-PI;	Xia, Z., Co-Pl	; Du, J., (Co-PI; Banerjee	e, R., Co-PI; Rei	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral PI	\$87,676	15%	\$13,151.39
	., PI; Young, M., Co-PI; Scharf, T., Co-PI; Du, J., Co-PI; Xio o-PI; Materials Science & Engineering; Xia, Z., C	ı, Z., Co-PI; Dah	otre, N., Co-PI; Banerjee, R., Co-PI	; Srivilliputhur	, S., Co-P	I; Mukherjee, S	S., Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al PI	\$164,758	23%	\$37,894.30
Mishra, R	, PI; Dahotre, N., Co-PI; Materials Science & Engineering							
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$50,531	100%	\$50,531.45
Mishra, R	, PI; Dahotre, N., Co-PI; Materials Science & Engineering							
GF70049	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$104,191	100%	\$104,191.30
	Totals for	Mishra,Rajiv Sha	ran					\$1,201,159.52
-	i ee,Sundeep v, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	emistry					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Feder	al PI	\$146,487	90%	\$131,838.35
GF30022	I-Corps: Metallic glass catalysts for energy conversion and storage	Research	National Science Foundation	Feder	al PI	\$1,523	100%	\$1,523.13
Mukherjee	e, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	emistry					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Feder	al PI	\$45,162	80%	\$36,129.22
Mukherjee	e, S., Co-PI; Banerjee, R., Co-PI; Reidy III, R., Co-PI; Scharg	f, T., Co-PI; Xia,	Z., Co-PI; Young, M., Co-PI; Mishr	a, R., PI; Mate	rials Scier	nce & Engineer	ring; Xia, Z., Co-	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	ral Co-PI	\$2,748	10%	\$274.85

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Mukherje	e, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Reidy III,	R., Co-PI; Scharf,	T., Co-PI; Xia, Z., Co-PI; Young, M.	., Co-PI; Mate	erials Scie	ence & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materia Development, Characterization and Computational Modeling Activities	ls Research	Temple University - Of The Commonwealth System of Higher Education	Fede	eral Co-Pl	\$1,317,599	10%	\$131,759.89
	e, S., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Banerjee, R., C ., Co-PI; Chemistry	Co-PI; Xia, Z., Co-P	I; Young, M., Co-PI; Scharf, T., Co-	PI; Reidy III,	R., Co-Pl	; Materials Scie	ence & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materia Development, Characterization and Computational Modeling Activities	ls Research	Temple University - Of The Commonwealth System of Higher Education	Fede	eral Co-Pl	-\$760	10%	(\$75.97)
-	e, S., PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Material agineering	s Science & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Eng	ineering	Technology; Zho	ang, H., Co-PI; I	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	eral PI	\$9,425	28.55%	\$2,690.84
-	e, S., PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Material ng Technology	s Science & Engine	ering; Zhang, H., Co-PI; Mechanica	l & Energy Ei	ngineering	g; Yu, C., Co-Pl	; Nasrazadani, S	S., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	eral PI	-\$17	28.55%	(\$4.84)
	e, S., Co-PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Matengineering	rials Science & Eng	gineering; Nasrazadani, S., PI; Yu, C	., Co-PI; Eng	ineering	Technology; Zho	ang, H., Co-PI; I	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	eral Co-Pl	\$457	28.55%	\$130.58
Mukherje Energy En	e, S., Co-PI; Voevodin, A., Co-PI; Mishra, R., Co-PI; Matengineering	rials Science & Eng	gineering; Nasrazadani, S., PI; Yu, C	, Co-PI; Eng	ineering	Technology; Zho	ang, H., Co-PI; I	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	eral Co-Pl	\$17,062	28.55%	\$4,871.08
Mukherje Energy En	e, S., PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materio ngineering	ıls Science & Engin	eering; Nasrazadani, S., Co-PI; Yu,	C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI;	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	eral PI	\$80,640	25%	\$20,159.94
	e, S., PI; Voevodin, A., Co-PI; Dahotre, N., Co-PI; Materiong Technology	ıls Science & Engin	eering; Zhang, H., Co-PI; Mechanic	al & Energy l	Engineeri	ng; Nasrazadan	i, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	eral PI	\$2,340	25%	\$585.07
-	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Man ngineering	erials Science & En	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	eral Co-Pl	\$99,054	25%	\$24,763.50
	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Man ngineering	erials Science & En	ngineering; Yu, C., Co-PI; Nasrazado	ani, S., PI; En	gineering	Technology; Zi	hang, H., Co-PI;	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	eral Co-Pl	\$13,720	25%	\$3,430.12

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mangineering	iterials Science & En	gineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	gineering	Technology; Zh	nang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$19,992	25%	\$4,998.07
-	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mangineering	nterials Science & En	egineering; Yu, C., Co-PI; Nasrazado	ani, S., PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$4,891	25%	\$1,222.76
	e, S., Co-PI; Voevodin, A., Co-PI; Dahotre, N., Co-PI; Mangineering	nterials Science & En	gineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	gineering	Technology; Zh	ang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$3,473	25%	\$868.26
GF40119	US-India Partnership for Manufacturing of Advanced Metallic Bio-implants and Local Economic Development	Research	University of Nebraska at Omaha	Fede	ral PI	\$24,199	100%	\$24,199.00
,	e, S., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du Science & Engineering; Xia, Z., Co-PI; Chemistry	. J., Co-PI; Reidy III,	R., Co-PI; Scharf, T., Co-PI; Srivil	liputhur, S., C	o-PI; Xia,	, Z., Co-PI; You	ng, M., Co-PI; N	Aishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems f Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$91,094	8%	\$7,287.49
	e, S., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, Mishra, R., PI; Materials Science & Engineering; Xia,	, J., Co-PI; Reidy III,	R., Co-PI; Scharf, T., Co-PI; Srivila	liputhur, S., C	o-PI; Xia,	, Z., Co-PI; You	ng, M., Co-PI; V	oevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems f Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	8%	\$8,015.48
	e, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre Science & Engineering; Xia, Z., Co-PI; Chemistry	, N., Co-PI; Du, J., C	Co-PI; Reidy III, R., Co-PI; Scharf, T	T., Co-PI; Sriv	illiputhur	; S., Co-P; Xia,	Z., Co-PI; Youn	g, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems f Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$84,208	8%	\$6,736.63
	e, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre Science & Engineering; Xia, Z., Co-PI; Chemistry	, N., Co-PI; Du, J., C	Co-PI; Reidy III, R., Co-PI; Scharf, T	T., Co-PI; Sriv	illiputhur	; S., Co-PI; Xia,	Z., Co-PI; Your	ıg, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems f Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$247,203	8%	\$19,776.26
	e, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Baner g, M., Co-PI; Materials Science & Engineering; Verbe	jee, R., Co-PI; Daho	tre, N., Co-PI; Du, J., Co-PI; Reidy	III, R., Co-PI;	Scharf, T	T., Co-PI; Srivili	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems f Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	8%	\$42,890.17

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
	e, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy I R., Co-PI; Young, M., Co-PI; Materials Science & En	II, R., Co-PI; Srivilliµ	outhur, S., Co-PI; Xia, Z., Co-PI;	Dahotre, N., Co-PI; Du	ı, J., Co-PI; Scho	urf, T., Co-PI; Xi	ia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-P	I \$112,742	8%	\$9,019.39
	e, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, re, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	M., Co-PI; Srivillipu	thur, S., Co-PI; Scharf, T., Co-PI;	: Xia, Z., Co-PI; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	idy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-P	I \$87,676	8%	\$7,014.08
	e, S., Co-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., 0 o-PI; Materials Science & Engineering; Xia, Z., C	Co-PI; Du, J., Co-PI;	Xia, Z., Co-PI; Dahotre, N., Co-F	PI; Banerjee, R., Co-PI	Srivilliputhur, S	S., Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-P	I \$164,758	8%	\$13,180.63
GP00014	Nano-Mechanical Characterization of High Strength Metallic Alloys	Research	Hysitron Incorporated	Private PI	\$22,830	100%	\$22,829.52
	Totals for	Mukherjee,Sundeep)				\$526,113.50
	I,Richard F R., Co-PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Scho	urf, T., Co-PI; Xia, Z.	, Co-PI; Young, M., Co-PI; Mishr	a, R., PI; Materials Sci	ence & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Federal Co-P	I \$2,748	10%	\$274.85
Reidy III,	R., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee,	S., Co-PI; Scharf, T.	, Co-PI; Xia, Z., Co-PI; Young, M	I., Co-PI; Materials Sci	ence & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Federal Co-P	I \$1,317,599	10%	\$131,759.89
-	R., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Banerjee, R., Co-, Co-PI; Chemistry	-PI; Xia, Z., Co-PI; Y	Young, M., Co-PI; Scharf, T., Co-F	PI; Mukherjee, S., Co-P	I; Materials Scie	ence & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Federal Co-P	I -\$760	10%	(\$75.97)
	R., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Science & Engineering; Xia, Z., Co-PI; Chemistry	Co-PI; Mukherjee, S	S., Co-PI; Scharf, T., Co-PI; Srivil	lliputhur, S., Co-PI; Xio	ı, Z., Co-PI; You	ng, M., Co-PI; I	Mishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-P	I \$91,094	8%	\$7,287.49
	R., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Mishra, R., PI; Materials Science & Engineering; Xia,	Co-PI; Mukherjee, S	S., Co-PI; Scharf, T., Co-PI; Srivil	lliputhur, S., Co-PI; Xio	a, Z., Co-PI; You	ng, M., Co-PI; I	Voevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-P	I \$100,194	8%	\$8,015.48

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
	R., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N Science & Engineering; Xia, Z., Co-PI; Chemistry	., Co-PI; Du, J., Co	o-PI; Mukherjee, S., Co-PI; Scharf,	T., Co-PI; Sriv	illiputhur,	S., Co-PI; Xia	, Z., Co-PI; You	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$331,411	8%	\$26,512.89
	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee g, M., Co-PI; Materials Science & Engineering; Verbe	e, R., Co-PI; Dahoti	re, N., Co-PI; Du, J., Co-PI; Mukhe.	rjee, S., Co-PI;	Scharf, T	., Co-PI; Srivii	lliputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	8%	\$42,890.17
	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Srivillipi R., Co-PI; Young, M., Co-PI; Materials Science & En	uthur, S., Co-PI; Xi	a, Z., Co-PI; Dahotre, N., Co-PI; Da	u, J., Co-PI; M	ukherjee,	S., Co-PI; Scho	arf, T., Co-PI; X	ia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	8%	\$9,019.39
	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M tre, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	1., Co-PI; Srivillipi	uthur, S., Co-PI; Mukherjee, S., Co-	PI; Scharf, T.,	Co-PI; Xi	a, Z., Co-PI; D	и, J., Co-PI; Ваг	nerjee, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	8%	\$7,014.08
	R., Co-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering; Xia, Z., C	o-PI; Du, J., Co-PI,	; Xia, Z., Co-PI; Dahotre, N., Co-PI	I; Banerjee, R.,	Co-PI; Si	rivilliputhur, S.	, Co-PI; Mukher	jee, S., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	8%	\$13,180.63
Reidy III,	R., Co-PI; Young, M., PI; Materials Science & Engineering	g						
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Priva	te Co-PI	\$50,356	25%	\$12,589.07
	Totals for	Reidy III,Richard	F					\$258,467.96
	Chomas W , Co-PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Reidy	III, R., Co-PI; Xia,	Z., Co-PI; Young, M., Co-PI; Mishr	ra, R., PI; Mate	rials Scie	nce & Enginee	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$2,748	10%	\$274.85
Scharf, T.	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S.	, Co-PI; Reidy III,	R., Co-PI; Xia, Z., Co-PI; Young, M	I., Co-PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$1,317,599	10%	\$131,759.89
-	, Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Banerjee, R., Co-P., ., Co-PI; Chemistry	I; Xia, Z., Co-PI; Y	oung, M., Co-PI; Mukherjee, S., Co-	-PI; Reidy III,	R., Co-PI,	Materials Scie	ence & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Material Development, Characterization and Computational Modeling Activities	s Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	-\$760	10%	(\$75.97)

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended R This Period	ecognition %	Recognition Amount
Scharf, T.	, PI; Banerjee, R., Co-PI; Materials Science & Engineerin	3					
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	ch Federal PI	\$53,265	50%	\$26,632.38
-	, Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., O Science & Engineering; Xia, Z., Co-PI; Chemistry	Co-PI; Mukherjee, S.	, Co-PI; Reidy III, R., Co-PI; Srivillip	outhur, S., Co-PI; Xia,	Z., Co-PI; Young,	M., Co-PI; M	ishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$91,094	8%	\$7,287.49
-	, Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., O Mishra, R., PI; Materials Science & Engineering; Xia,	Co-PI; Mukherjee, S.	, Co-PI; Reidy III, R., Co-PI; Srivillip	outhur, S., Co-PI; Xia,	Z., Co-PI; Young,	M., Co-PI; V	oevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$100,194	8%	\$8,015.48
	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Science & Engineering; Xia, Z., Co-PI; Chemistry	Co-PI; Du, J., Co-P.	I; Mukherjee, S., Co-PI; Reidy III, R.,	Co-PI; Srivilliputhur	, S., Co-PI; Xia, Z.	, Co-PI; Youn	g, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$331,411	8%	\$26,512.89
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, . g, M., Co-PI; Materials Science & Engineering; Verbe	R., Co-PI; Dahotre,	N., Co-PI; Du, J., Co-PI; Mukherjee,	S., Co-PI; Reidy III, F	R., Co-PI; Srivillip	uthur, S., Co-F	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$536,127	8%	\$42,890.17
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R., Co-PI; Young, M., Co-PI; Materials Science & En	R., Co-PI; Srivilliput	hur, S., Co-PI; Xia, Z., Co-PI; Dahoti	re, N., Co-PI; Du, J.,	Co-PI; Mukherjee,	S., Co-PI; Xia	u, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$112,742	8%	\$9,019.39
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., tre, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	Co-PI; Srivilliputhi	ır, S., Co-PI; Mukherjee, S., Co-PI; X	Zia, Z., Co-PI; Du, J.,	Co-PI; Banerjee, F	R., Co-PI; Reia	ly III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	8%	\$7,014.08
	, Co-PI; Mishra, R., PI; Young, M., Co-PI; Du, J., Co-PI; o-PI; Materials Science & Engineering; Xia, Z., C	Xia, Z., Co-PI; Daho	otre, N., Co-PI; Banerjee, R., Co-PI; S	Srivilliputhur, S., Co-F	PI; Mukherjee, S., (Co-PI; Reidy I	II, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$164,758	8%	\$13,180.63
	Totals for	Scharf, Thomas W					\$272,511.27

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended R This Period	ecognition %	Recognition Amount
Srivillipui	hur, S., Co-PI; Banerjee, R., PI; Materials Science & Engi	neering					
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	National Science Foundation	Federal Co-PI	\$3,778	50%	\$1,889.00
	hur, S., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; E Science & Engineering; Xia, Z., Co-PI; Chemistry	ou, J., Co-PI; Mukhel	rjee, S., Co-PI; Reidy III, R., Co-PI	I; Scharf, T., Co-PI; Xia,	Z., Co-PI; Young	, M., Co-PI; M	fishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$91,094	8%	\$7,287.49
	hur, S., Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; E Mishra, R., PI; Materials Science & Engineering; Xia,	ou, J., Co-PI; Mukhei	rjee, S., Co-PI; Reidy III, R., Co-PI	I; Scharf, T., Co-PI; Xia,	Z., Co-PI; Young,	, M., Co-PI; V	oevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$100,194	8%	\$8,015.48
_	hur, S., Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahot Science & Engineering; Xia, Z., Co-PI; Chemistry	re, N., Co-PI; Du, J.,	. Co-PI; Mukherjee, S., Co-PI; Reid	dy III, R., Co-PI; Scharf,	T., Co-PI; Xia, Z.	., Co-PI; Youn	g, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$331,411	8%	\$26,512.89
	hur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Ban g, M., Co-PI; Materials Science & Engineering; Verbe	erjee, R., Co-PI; Da	hotre, N., Co-PI; Du, J., Co-PI; Mu	ukherjee, S., Co-PI; Reid	ly III, R., Co-PI; S	charf, T., Co-l	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$536,127	8%	\$42,890.17
	hur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reic R., Co-PI; Young, M., Co-PI; Materials Science & En	ly III, R., Co-PI; Xia	, Z., Co-PI; Dahotre, N., Co-PI; Da	u, J., Co-PI; Mukherjee,	S., Co-PI; Scharf,	T., Co-PI; Xia	a, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$112,742	8%	\$9,019.39
	thur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; You. tre, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	ng, M., Co-PI; Mukh	erjee, S., Co-PI; Scharf, T., Co-PI,	; Xia, Z., Co-PI; Du, J., 0	Co-PI; Banerjee, I	R., Co-PI; Reid	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	8%	\$7,014.08
	chur, S., Co-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, To-PI; Materials Science & Engineering; Xia, Z., C	T., Co-PI; Du, J., Co-	-PI; Xia, Z., Co-PI; Dahotre, N., C	o-PI; Banerjee, R., Co-F	PI; Mukherjee, S.,	Co-PI; Reidy I	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$164,758	8%	\$13,180.63
	Totals for	Srivilliputhur,Srini	ivasan G.				\$115,809.13

Voevodin, Andrey

Project ID	Title	Category	Sponsor	0	PI / Co-PI	-	Recognition %	Recognition Amount
Voevodin, Energy En	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Matengineering	erials Science & Er	ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	gineering	Technology; Zh	nang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$1,725	5%	\$86.23
	A., OTHER; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, J., M., Co-PI; Materials Science & Engineering; Verbe	N., Co-PI; Du, J.,	Co-PI; Mukherjee, S., Co-PI; Reidy	III, R., Co-PI;	Scharf, 1	T., Co-PI; Srivili	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$287,775	4%	\$11,510.99
	A., OTHER; Mishra, R., PI; Reidy III, R., Co-PI; Srivillipus R., Co-PI; Young, M., Co-PI; Materials Science & En	thur, S., Co-PI; Xi	a, Z., Co-PI; Dahotre, N., Co-PI; Da	u, J., Co-PI; Mi	ukherjee,	S., Co-PI; Scha	orf, T., Co-PI; X	ia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$112,742	4%	\$4,509.70
Voevodin,	A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials	Science & Engine	ering					
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$10,714	6%	\$642.87
Voevodin,	A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D.,	Co-PI; Aouadi, S.,	Co-PI; Dahotre, N., Co-PI; Materia	als Science & E	ngineerir	ıg; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$3,135	25%	\$783.63
Voevodin,	A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D.,	Co-PI; Dahotre, N	., Co-PI; Materials Science & Engin	neering; Aouadi	, S., Co-I	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$6,624	25%	\$1,655.90
Voevodin,	A., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Materials	Science & Engine	ering					
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$11,791	50%	\$5,895.73
Voevodin,	A., PI; Dahotre, N., Co-PI; Banerjee, R., Co-PI; Materials	Science & Engine	ering					
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$2,917	50%	\$1,458.59
	Totals for	Voevodin,Andrey						\$26,543.63
	n,Andrey Aleksejevich A., Co-PI; Mishra, R., Co-PI; Mukherjee, S., PI; Materials agineering	Science & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Engi	neering '	Technology; Zha	ıng, H., Co-PI; I	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al Co-PI	\$54	14.29%	\$7.69
Voevodin, Energy En	A., Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials agineering	Science & Engine	ering; Nasrazadani, S., Co-PI; Yu, C	C., Co-PI; Engi	neering [Technology; Zha	ung, H., Co-PI;	Mechanical &
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al Co-PI	\$9,371	14.29%	\$1,339.14

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	A., Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materia. ng Technology	ls Science & Engine	ering; Zhang, H., Co-PI; Mecha	nical & Energy Er	ngineering	; Yu, C., Co-PI	; Nasrazadani, S	S., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	-\$17	14.29%	(\$2.43)
Voevodin, Energy En	A., Co-PI; Mishra, R., Co-PI; Mukherjee, S., Co-PI; Matengineering	erials Science & Eng	gineering; Nasrazadani, S., PI; Y	Yu, C., Co-PI; Eng	ineering T	echnology; Zho	ung, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$457	14.29%	\$65.36
Voevodin, Energy En	A., Co-PI; Mukherjee, S., Co-PI; Mishra, R., Co-PI; Matengineering	erials Science & Eng	gineering; Nasrazadani, S., PI; Y	Yu, C., Co-PI; Eng	ineering T	echnology; Zho	ung, H., Co-PI;	Mechanical &
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Fede	ral Co-PI	\$17,062	14.29%	\$2,438.10
Voevodin,	A., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Mishra,	R., Co-PI; Material	s Science & Engineering					
GF40050	Material Testing and Characterization in Support of Laser De- Painting Technologies	Research	University of Dayton	Fede	ral PI	-\$1,233	25%	(\$308.27)
Voevodin, Energy En	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., PI; Materia	als Science & Engin	eering; Nasrazadani, S., Co-PI;	Yu, C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$6,393	5%	\$319.64
	A., Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materia	als Science & Engin	eering; Nasrazadani, S., Co-PI;	Yu, C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI,	Mechanical &
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$74,247	5%	\$3,712.35
	A., Co-PI; Mukherjee, S., PI; Dahotre, N., Co-PI; Materiong Technology	als Science & Engin	eering; Zhang, H., Co-PI; Mech	anical & Energy I	Ingineerin	g; Nasrazadan	i, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$2,340	5%	\$117.01
Voevodin, Energy En	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mangineering	terials Science & Er	ngineering; Nasrazadani, S., PI;	Yu, C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$50,565	5%	\$2,528.23
	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mangineering	terials Science & Er	ngineering; Yu, C., Co-PI; Nasra	azadani, S., PI; En	gineering	Technology; Zi	hang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$13,720	5%	\$686.02
Voevodin, Energy En	A., Co-PI; Mukherjee, S., Co-PI; Dahotre, N., Co-PI; Mangineering	terials Science & Er	ngineering; Nasrazadani, S., PI;	Yu, C., Co-PI; En	gineering	Technology; Zi	hang, H., Co-PI,	Mechanical &
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$48,489	5%	\$2,424.47

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Voevodin, Energy Er	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate agineering	rials Science & Ei	ngineering; Nasrazadani, S., PI; Yu,	, C., Co-PI; Eng	gineering	Technology; Zh	hang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$18,268	5%	\$913.39
Voevodin, Energy Er	A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate agineering	rials Science & Ei	ngineering; Yu, C., Co-PI; Nasrazad	dani, S., PI; Eng	gineering	Technology; Zh	hang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$4,891	5%	\$244.55
Voevodin, Energy Er	A., Co-PI; Mukherjee, S., Co-PI; Dahotre, N., Co-PI; Mate agineering	rials Science & Ei	ngineering; Nasrazadani, S., PI; Yu,	, C., Co-PI; Eng	gineering	Technology; Zh	hang, H., Co-PI;	Mechanical &
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Fede	ral Co-PI	\$3,473	5%	\$173.65
GF70019	Two-dimensional nanostructured material processing and characterization.	Research	US Army Research Laboratory	Fede	ral PI	\$3,959	100%	\$3,959.34
	A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, . ishra, R., PI; Materials Science & Engineering; Xia,	I., Co-PI; Mukher	jee, S., Co-PI; Reidy III, R., Co-PI;	Scharf, T., Co-	PI; Srivil	liputhur, S., Co-	-PI; Xia, Z., Co-	PI; Young, M.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	4%	\$4,007.74
	A., OTHER; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, M., Co-PI; Materials Science & Engineering; Verbe	N., Co-PI; Du, J.,	Co-PI; Mukherjee, S., Co-PI; Reidy	v III, R., Co-PI;	Scharf, T	T., Co-PI; Srivil	liputhur, S., Co-	PI; Xia, Z., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$248,352	4%	\$9,934.10
	A., OTHER; Mishra, R., PI; Young, M., Co-PI; Srivilliputhare, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	ur, S., Co-PI; Muk	cherjee, S., Co-PI; Scharf, T., Co-PI	; Xia, Z., Co-Pi	I; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	idy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	4%	\$3,507.04
Voevodin,	A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials	Science & Engine	ering					
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$4,764	6%	\$285.84
Voevodin,	A., Co-PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Dahotre,	N., Co-PI; Young	r, M., PI; Materials Science & Engir	neering; Aouad	i, S., Co-I	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$4,156	25%	\$1,038.89
Voevodin,	A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., C	Co-PI; Aouadi, S.,	Co-PI; Dahotre, N., Co-PI; Materia	als Science & E	ngineerin	g; Aouadi, S., C	Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$9,742	25%	\$2,435.60
Voevodin,	A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., C	Co-PI; Dahotre, N	., Co-PI; Materials Science & Engir	neering; Aouad	i, S., Co - I	PI; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$6,826	25%	\$1,706.50

Project ID	Title	Category	Sponsor	Funding Source		Expended 1 This Period	Recognition %	Recognition Amount
Voevodin,	A., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Materials S	Science & Engine	eering					
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$160	50%	\$79.98
	Totals for	Voevodin,Andrey	y Aleksejevich					\$41,613.93
Xia,Zhe r <i>Xia, Z., Pl</i>	nhai l; Materials Science & Engineering; Xia, Z., PI; Chemistry							
GF1684	Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production	Research	National Science Foundation	Feder	al PI	\$58,131	80%	\$46,504.86
Xia, Z., Co	o-PI; Mukherjee, S., PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	nemistry					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Feder	ral Co-PI	\$146,487	8%	\$11,718.96
Xia, Z., PI	; Materials Science & Engineering; Xia, Z., PI; Chemistry							
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Feder	al PI	\$37,346	80%	\$29,876.53
Xia, Z., Co	o-PI; Mukherjee, S., PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	nemistry					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Feder	ral Co-PI	\$45,162	16%	\$7,225.84
Xia, Z., Co	o-PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Reidy III, R	., Co-PI; Scharf,	T., Co-PI; Young, M., Co-PI; Mishr	a, R., PI; Mate	rials Scie	nce & Engineerii	ng; Xia, Z., Co-	PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	ral Co-PI	\$2,748	8%	\$219.88
Xia, Z., Co	o-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S., Co-	-PI; Reidy III, R.,	, Co-PI; Scharf, T., Co-PI; Young, M	I., Co-PI; Mate	rials Scie	nce & Engineerii	ng; Xia, Z., Co-	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	al Co-PI	\$1,317,599	8%	\$105,407.91
	o-PI; Mishra, R., PI; Banerjee, R., Co-PI; Xia, Z., Co-PI; Yo ., Co-PI; Chemistry	ung, M., Co-PI;	Scharf, T., Co-PI; Mukherjee, S., Co-	-PI; Reidy III, I	R., <i>Co-PI</i> ,	: Materials Scien	ce & Engineeri	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	ral Co-PI	-\$760	1.6%	(\$12.16)
	o-PI; Mishra, R., PI; Xia, Z., Co-PI; Banerjee, R., Co-PI; Yo ., Co-PI; Chemistry	ung, M., Co-PI;	Scharf, T., Co-PI; Mukherjee, S., Co-	-PI; Reidy III, I	R., <i>Co-PI</i> ,	Materials Scien	ce & Engineeri	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Feder	ral Co-PI	-\$760	6.4%	(\$48.62)
	o-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI Science & Engineering; Xia, Z., Co-PI; Chemistry	; Mukherjee, S.,	Co-PI; Reidy III, R., Co-PI; Scharf, T	T., Co-PI; Srivi	lliputhur,	S., Co-PI; Youn	g, M., Co - PI; N	Aishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$91,094	6.4%	\$5,829.99

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	o-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co- Mishra, R., PI; Materials Science & Engineering; Xia,	PI; Mukherjee, S., C	Co-PI; Reidy III, R., Co-PI; Scharf, T	T., Co-PI; Sriv	illiputhur,	, S., Co-PI; You	ng, M., Co-PI; 1	Voevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	6.4%	\$6,412.39
	o-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co-Science & Engineering; Xia, Z., Co-PI; Chemistry	-PI; Du, J., Co-PI; I	Mukherjee, S., Co-PI; Reidy III, R.,	Co-PI; Scharf,	T., Co-P.	I; Srivilliputhur	S., Co-PI; You	ng, M., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$331,411	6.4%	\$21,210.31
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., g, M., Co-PI; Materials Science & Engineering; Verbe	Co-PI; Dahotre, N.,	Co-PI; Du, J., Co-PI; Mukherjee, S	S., Co-PI; Reid	y III, R., (Co-PI; Scharf, T	T., Co-PI; Srivill	iputhur, S., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	6.4%	\$34,312.14
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R., (R., Co-PI; Young, M., Co-PI; Materials Science & En	Co-PI; Srivilliputhu	r, S., Co-PI; Dahotre, N., Co-PI; Di	и, J., Co-PI; М	ukherjee,	S., Co-PI; Scho	erf, T., Co-PI; Xi	ia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	5.12%	\$5,772.41
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R., (R., Co-PI; Young, M., Co-PI; Materials Science & En	Co-PI; Srivilliputhui	r, S., Co-PI; Xia, Z., Co-PI; Dahotre	e, N., Co-PI; L	и, J., Со-	·PI; Mukherjee,	S., Co-PI; Scha	rf, T., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	1.28%	\$1,443.10
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co tre, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	o-PI; Srivilliputhur,	S., Co-PI; Mukherjee, S., Co-PI; Sc.	charf, T., Co-P.	I; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	5.12%	\$4,489.01
	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co R., Co-PI; Dahotre, N., Co-PI; Materials Science & En	o-PI; Srivilliputhur,	S., Co-PI; Mukherjee, S., Co-PI; Sc.	charf, T., Co-P.	I; Xia, Z.,	Co-PI; Du, J.,	Co-PI; Banerjee	, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	1.28%	\$1,122.25
	o-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., Co-PI; o-PI; Materials Science & Engineering; Xia, Z., C	Du, J., Co-PI; Daho	otre, N., Co-PI; Banerjee, R., Co-PI	I; Srivilliputhui	; S., Co-H	PI; Mukherjee, S	S., Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems fo Enhanced Dynamic Performance	Research r	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	1.28%	\$2,108.90

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	o-PI; Mishra, R., PI; Young, M., Co-PI; Scharf, T., Co-PI; Da -PI; Materials Science & Engineering; Xia, Z., C	u, J., Co-PI; Xia,	Z., Co-PI; Dahotre, N., Co-PI; Bane	erjee, R., Co-P	I; Srivillij	puthur, S., Co-F	PI; Mukherjee, S	., Co-PI; Reidy
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	5.12%	\$8,435.60
	Totals for	Xia,Zhenhai						\$292,029.31
	Iarcus Lynn , Co-PI; Materials Science & Engineering; Zhu, D., PI; Bion	nedical Engineeri	ing					
GF00010	Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials	Research	National Institutes of Health	Fede	ral Co-PI	\$294,854	10%	\$29,485.36
Young, M.	, Co-PI; Aouadi, S., PI; Materials Science & Engineering; A	ouadi, S., PI; Phy	vsics					
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	National Science Foundation	Fede	ral Co-PI	-\$502	50%	(\$251.00)
Young, M.	, Co-PI; Banerjee, R., Co-PI; Mukherjee, S., Co-PI; Reidy II	I, R., Co-PI; Scho	urf, T., Co-PI; Xia, Z., Co-PI; Mishro	a, R., PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$2,748	10%	\$274.85
Young, M.	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Mukherjee, S.,	Co-PI; Reidy III,	R., Co-PI; Scharf, T., Co-PI; Xia, Z.	., Co-PI; Mate	rials Scie	nce & Engineer	ring; Xia, Z., Co	-PI; Chemistry
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	\$1,317,599	10%	\$131,759.89
-	, Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Banerjee, R., Co-PI; , Co-PI; Chemistry	Xia, Z., Co-PI; S	charf, T., Co-PI; Mukherjee, S., Co-	PI; Reidy III,	R., Co-PI,	: Materials Scie	nce & Engineer	ing; Xia, Z., Co-
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Fede	ral Co-PI	-\$760	10%	(\$75.97)
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersonic Technologies Development	Research	Texas A & M Engineering Experim Station	ent Fede	ral PI	\$116,030	100%	\$116,029.65
GF40111	Carbide Evolution in AF9628 Alloys	Research	Integrated Solutions for Systems, In	ic. Fede	ral PI	\$8,865	100%	\$8,864.70
GF70004	Processing Studies on NiTi-based High Temperature Shape Memory Alloys	Research	National Aeronautics & Space Administration	Fede	ral PI	\$6,592	100%	\$6,592.32
GF70018	Field Responsive Properties of Adaptive Strain Glass	Research	US Army Research Laboratory	Fede	ral PI	\$876	100%	\$875.56
	, Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co Science & Engineering; Xia, Z., Co-PI; Chemistry	-PI; Mukherjee, l	S., Co-PI; Reidy III, R., Co-PI; Scha	rf, T., Co-PI; S	Srivilliput	hur, S., Co-PI; 2	Xia, Z., Co-PI; I	Mishra, R., PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$91,094	8%	\$7,287.49

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	, Co-PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co Mishra, R., PI; Materials Science & Engineering; Xia,	-PI; Mukherjee, S	., Co-PI; Reidy III, R., Co-PI; Scha	rf, T., Co-PI; S	rivilliputi	hur, S., Co-PI;	Xia, Z., Co-PI;	Voevodin, A.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$100,194	8%	\$8,015.48
	, Co-PI; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co Science & Engineering; Xia, Z., Co-PI; Chemistry	o-PI; Du, J., Co-P	YI; Mukherjee, S., Co-PI; Reidy III, I	R., Co-PI; Scho	arf, T., Co	o-PI; Srivillipui	thur, S., Co-PI; 2	Xia, Z., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$331,411	8%	\$26,512.89
	, Co-PI; Mishra, R., PI; Scharf, T., Co-PI; Du, J., Co-PI; Xia o-PI; Materials Science & Engineering; Xia, Z., C	, Z., Co-PI; Daho	tre, N., Co-PI; Banerjee, R., Co-PI,	; Srivilliputhur,	S., Co-P	I; Mukherjee, L	S., Co-PI; Reidy	III, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$164,758	8%	\$13,180.63
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., a, Z., Co-PI; Materials Science & Engineering; Verbe	Co-PI; Dahotre,	N., Co-PI; Du, J., Co-PI; Mukherje	ee, S., Co-PI; R	eidy III, I	R., Co-PI; Scha	rf, T., Co-PI; Sr	ivilliputhur, S.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$536,127	8%	\$42,890.17
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Reidy III, R., o-PI; Banerjee, R., Co-PI; Materials Science & En	Co-PI; Srivillipu	thur, S., Co-PI; Xia, Z., Co-PI; Dah	otre, N., Co-PI	J; Du, J.,	Co-PI; Mukher	jee, S., Co-PI; S	charf, T., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$112,742	8%	\$9,019.39
	, Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Srivilliputhur re, N., Co-PI; Xia, Z., Co-PI; Materials Science & En	; S., Co-PI; Mukh	nerjee, S., Co-PI; Scharf, T., Co-PI;	Xia, Z., Co-PI;	Du, J., (Co-PI; Banerje	e, R., Co-PI; Rei	dy III, R., Co-
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	8%	\$7,014.08
Young, M.	, PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Aouadi, S., Co-F	I; Voevodin, A., C	Co-PI; Dahotre, N., Co-PI; Materia	ls Science & Er	ngineerin	g; Aouadi, S., (Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$3,135	25%	\$783.63
Young, M.	, PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Dahotre, N., Co-	PI; Voevodin, A.,	Co-PI; Materials Science & Engine	eering; Aouadi,	, S., Co-P	I; Physics		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$17,605	25%	\$4,401.29
Young, M.	, PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Berman, D., Co	o-PI; Aouadi, S., C	Co-PI; Dahotre, N., Co-PI; Materia	ls Science & Er	ngineerin	g; Aouadi, S., (Co-PI; Aouadi, S	S., Co-PI; Physics
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$9,742	25%	\$2,435.60
GF70051	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$57,947	100%	\$57,947.14

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount		
Young, M.	., PI; Reidy III, R., Co-PI; Materials Science & Engineering	?								
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Private	e PI	\$50,356	75%	\$37,767.21		
GP00017	Characterization of Pb-based Batteries	Research	RSR Technologies, Inc.	Private	e PI	\$72,413	100%	\$72,413.21		
GP20031	Characterization of a High Entropy Alloy Welding Process for Application to Forging Dies	Research	Forging Foundation	Privat	e PI	\$161	100%	\$161.43		
	Totals for	Young,Marcus Lynn	n					\$583,384.99		
	Totals for	Materials Science &	Engineering					\$5,050,378.56		
Mechani	ical & Energy Engineering									
Choi, Ta	e-Youl Co-PI; Mechanical & Energy Engineering; Krokhin, A., Co	-PI; Neogi, A., PI; Pl	hysics							
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structure with Broken PSymmetry of the Unit Cell		National Science Foundation	Federa	al Co-PI	\$26,923	20%	\$5,384.57		
Choi, T.,	Co-PI; Mechanical & Energy Engineering; Neogi, A., PI; K	rokhin, A., Co-PI; Pl	hysics							
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structure with Broken PSymmetry of the Unit Cell		National Science Foundation	Federa	al Co-PI	\$257,198	20%	\$51,439.52		
Choi, T., I	PI; Simmons, D., Co-PI; Mechanical & Energy Engineering	3								
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federa	al PI	\$32,065	80%	\$25,652.13		
GP50000	Development of a kW-Level Nanocomposites-Based Membrane Heat Pump	Research	Korea Institute of Machinery & Materi (KIMM)	ials Private	e PI	\$92,717	100%	\$92,716.54		
	Totals for	Choi,Tae-Youl						\$175,192.76		
Choi, W.,	onbong PI; Mechanical & Energy Engineering; Choi, W., PI; Mate	rials Science & Engi	neering							
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research as Development	nd Federa	al PI	\$108,874	20%	\$21,774.73		
Choi, W.,	PI; Mechanical & Energy Engineering; Choi, W., PI; Mate	rials Science & Engi	neering							
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technolog	gy Private	e PI	\$8,153	20%	\$1,630.51		
	Totals for	Choi, Wonbong						\$23,405.24		
D'Souza, I	D'Souza, Nandika Anne D'Souza, N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engineering; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administrat									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federa	al Co-PI	\$17,555	6.4%	\$1,123.49		

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin ematics; Boyd, R., Co-PI; Teacher Education & Administrat		I; Chen, F., Co-PI; Azad, R., Co-PI	I; Azad, R., Co	o-PI; Bio	logical Sciences	; Azad, R., Co-F	YI; Azad, R., Co-
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$17,555	1.6%	\$280.87
	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin ; Materials Science & Engineering; Azad, R., Co-PI; Azad,	neering; Dixon, R., P.	I; Chen, F., Co-PI; Azad, R., Co-PI	I; Azad, R., Co	o-PI; Bio	logical Sciences	; D'Souza, N., C	o-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,702	1.6%	\$251.23
	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin ; Materials Science & Engineering; Azad, R., Co-PI; Azad,	neering; Dixon, R., P.	I; Chen, F., Co-PI; Azad, R., Co-PI	I; Azad, R., Co	o-PI; Bio	logical Sciences	; D'Souza, N., C	o-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,702	6.4%	\$1,004.92
	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin ; Materials Science & Engineering; Boyd, R., Co-PI; Teach		I; Chen, F., Co-PI; Azad, R., Co-PI	I; Azad, R., Co	o-PI; Bio	logical Sciences	; D'Souza, N., C	o-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$11,327	1.6%	\$181.23
	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin ; Materials Science & Engineering; Boyd, R., Co-PI; Teach		I; Chen, F., Co-PI; Azad, R., Co-PI	I; Azad, R., Co	o-PI; Bio	logical Sciences	; D'Souza, N., C	o-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$11,327	6.4%	\$724.92
	N., Co-PI; Mechanical & Energy Engineering; Azad, R., Co stration; D'Souza, N., Co-PI; Materials Science & Engineer		zad, R., Co-PI; Chen, F., Co-PI; D	ixon, R., PI; I	Biologica	l Sciences; Boya	l, R., Co-PI; Tea	cher Education
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$39,840	8%	\$3,187.22
	N., Co-PI; Mechanical & Energy Engineering; Dixon, R., F stration; D'Souza, N., Co-PI; Materials Science & Engineer		Chen, F., Co-PI; Biological Science.	es; Azad, R., C	o-PI; Ma	thematics; Boya	l, R., Co-PI; Tea	cher Education
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$130,972	8%	\$10,477.75
D'Souza,	N., PI; Mechanical & Energy Engineering; D'Souza, N., PI,	; Materials Science &	Engineering					
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Fede	ral PI	\$41,843	80%	\$33,474.63
	N., Co-PI; Mechanical & Energy Engineering; D'Souza, N., Rehabilitation	, Co-PI; Materials Sc	ience & Engineering; Ennis-Cole,	D., Co-PI; Le	arning Te	echnologies; Ho	lloway, L., PI; L	Disability &
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Fede	ral Co-PI	\$801	6.66%	\$53.33
	N., Co-PI; Mechanical & Energy Engineering; Holloway, L Technologies	, PI; Disability & Ad	ldiction Rehabilitation; D'Souza, N	V., Co-PI; Mat	erials Sci	ience & Enginee	ring; Ennis-Col	e, D., Co-PI;
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Fede	ral Co-PI	-\$3,540	6.66%	(\$235.76)
D'Souza,	N., PI; Mechanical & Energy Engineering; D'Souza, N., PI,	; Materials Science &	Engineering; Ludi, S., Co-PI; Con	mputer Scienc	e & Engi	neering		
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Priva	te PI	\$4,636	40%	\$1,854.36
	Totals for	D'Souza,Nandika A	nne					\$52,378.20
John,Kı								
GF2682	Novel Experimental Techniques, Size Effect, and Damage Evolution for Heterogeneous Materials	Research	Air Force Research Laboratory	Fede	ral PI	\$99,504	100%	\$99,503.78

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF2691	Dynamic Behavior and Failure of Advanced High-Performance Structural Materials	Research	U.S. Army Corps of Engineers	Feder	al PI	\$13,021	100%	\$13,021.47
GP20055	Air Quality Monitoring for Ozone in Corpus Christi	Research	Port Industries of Corpus Christi	Priva	te PI	\$46,709	100%	\$46,708.54
GP20067	Air Quality Impact Assessment of a Deepwater Port Structure in South Texas	Research	Port Industries of Corpus Christi	Priva	te PI	\$2,162	100%	\$2,161.67
	Totals for	John,Kuruvilla						\$161,395.46
	V ishwanath ., Co-PI; Mechanical & Energy Engineering; Mishra, R., PI	; Materials Science &	& Engineering					
GF40083	FSW of Sealed Box Structures (Joining R3-3)	Research	American Lightweight Materials Manufacturing Innovation Institute	Feder	ral Co-PI	\$21,248	50%	\$10,623.95
	Totals for	Prasad,Vishwanath						\$10,623.95
	sseini,Seyed hamid						4000/	(0.1.0.2.1.2.)
GF40077	Experimental and Computational Ship Maneuvering Research: Unsteady 3D Seperation, Added Power, Heavy Weather, Intact/Damaged Stability, and System Identification	Research	University of Iowa	Feder	al PI	-\$104	100%	(\$103.62)
	Totals for	Sadat hosseini,Seyed	hamid					(\$103.62)
	lon Qiang : Zhang, H., Co-PI; Mechanical & Energy Engineering							
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Feder	al PI	\$94,831	50%	\$47,415.38
GP6506	Development of Natural Fiber Composite Pipe Products	Research	Zhejiang Xinzhou Bamboo Composito	es Priva	te PI	\$71,238	100%	\$71,238.02
	Totals for	Shi,Sheldon Qiang						\$118,653.40
	s,Denise Perry							
	D., Co-PI; Choi, T., PI; Mechanical & Energy Engineering							
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Feder	al Co-PI	\$32,065	20%	\$6,413.03
	Totals for	Simmons,Denise Per	ry					\$6,413.03
Zhang,H		ъ :	N. 10: 5 12:		1 57		10001	014455
GF1729	GOALI: Collaborative Research: Energy Harvesting Nanorods- Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control	Research	National Science Foundation	Feder	al PI	\$14,148	3 100%	\$14,147.67
GF40036	Self-Powered Wireless Through-Wall Data Communication for Nuclear Environments	Research	Virginia Polytechnic Institute and Stat University	te Feder	al PI	\$86,086	100%	\$86,086.47

Project ID	Title	Category	Sponsor		PI / Co-PI		Recognition %	Recognition Amount
	, Co-PI; Mechanical & Energy Engineering; Mishra, R., C ing Technology	o-PI; Voevodin, A.,	Co-PI; Mukherjee, S., PI; Mater	rials Science & Eng	gineering	; Nasrazadani,	S., Co-PI; Yu, C	C., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	al Co-PI	\$54	14.29%	\$7.69
_	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S. ing Technology	, PI; Mishra, R., C	o-PI; Voevodin, A., Co-PI; Mater	rials Science & Eng	gineering	; Nasrazadani,	S., Co-PI; Yu, C	C., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	al Co-PI	\$9,371	14.29%	\$1,339.14
_	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S. ing Technology	, PI; Mishra, R., C	o-PI; Voevodin, A., Co-PI; Mater	rials Science & Eng	gineering	; Yu, C., Co-Pl	; Nasrazadani, S	S., Co-PI;
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	al Co-PI	-\$17	14.29%	(\$2.43)
_	, Co-PI; Mechanical & Energy Engineering; Nasrazadani, E Engineering	S., PI; Yu, C., Co-I	PI; Engineering Technology; Mis	hra, R., Co-PI; Mu	kherjee,	S., Co-PI; Voe	vodin, A., Co-PI	; Materials
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	al Co-PI	\$457	14.29%	\$65.36
_	, Co-PI; Mechanical & Energy Engineering; Nasrazadani, E Engineering	S., PI; Yu, C., Co-I	PI; Engineering Technology; Voe	evodin, A., Co-PI; M	1ukherje	e, S., Co-PI; M	ishra, R., Co-PI	; Materials
GF40045	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	al Co-PI	\$17,062	14.29%	\$2,438.10
_	, Co-PI; Mechanical & Energy Engineering; Dahotre, N., on Technology	Co-PI; Voevodin, A	., Co-PI; Mukherjee, S., PI; Mate	erials Science & En	gineerin	g; Nasrazadan	i, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	al Co-PI	\$6,393	15%	\$958.91
	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S. ing Technology	, PI; Dahotre, N., (Co-PI; Voevodin, A., Co-PI; Mate	erials Science & En	gineerin	g; Nasrazadan	i, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	al Co-PI	\$74,247	15%	\$11,137.05
	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S. ing Technology	, PI; Voevodin, A.,	Co-PI; Dahotre, N., Co-PI; Mate	erials Science & En	igineerin	g; Nasrazadan	i, S., Co-PI; Yu,	C., Co-PI;
GF40070	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	al Co-PI	\$2,340	15%	\$351.04
_	, Co-PI; Mechanical & Energy Engineering; Dahotre, N., ong Technology	Co-PI; Mukherjee,	S., Co-PI; Voevodin, A., Co-PI; M	Materials Science &	& Engine	ering; Yu, C., C	Co-PI; Nasrazad	ani, S., PI;
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	al Co-PI	\$13,720	15%	\$2,058.07
_	, Co-PI; Mechanical & Energy Engineering; Nasrazadani, E Engineering	S., PI; Yu, C., Co-I	PI; Engineering Technology; Dah	hotre, N., Co-PI; M	ukherjee	, S., Co-PI; Vo	evodin, A., Co-P	I; Materials
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	al Co-PI	\$43,687	15%	\$6,553.11

Science & E GF40071 Zhang, H., (Science & E GF40071	Co-PI; Mechanical & Energy Engineering; Nasrazadani, Singineering Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Nasrazadani, Singineering Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Dahotre, N., Cast Technology Engineered Materials and Materials Design of Engineered	Research S., PI; Yu, C., Co-PI; Research	Northeastern University ; Engineering Technology; Mukhe. Northeastern University	Feder rjee, S., Co-PI; Feder	al Co-PI	\$6,877	15%	\$1,031.58
Zhang, H., O Science & E GF40071	Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Nasrazadani, Singineering Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Dahotre, N., Cast Technology	S., PI; Yu, C., Co-PI; Research	; Engineering Technology; Mukhe. Northeastern University	rjee, S., Co-PI; Feder	Dahotre,	N., Co-PI; Voevo		ŕ
Science & E GF40071 I Zhang, H., O	Engineering Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Dahotre, N., Cast Technology	Research	Northeastern University	Feder			odin, A., Co-P.	I; Materials
Zhang, H., O	Materials (EMMDEM); Tactical Shelters; NU Year 2 Co-PI; Mechanical & Energy Engineering; Dahotre, N., Cog Technology		•		al Co-PI	\$48,489		
-	g Technology	o-PI; Mukherjee, S.,	, Co-PI; Voevodin, A., Co-PI; Mat	. 1 0 .			15%	\$7,273.42
Engineering	Engineered Materials and Materials Design of Engineered			eriais Science (& Engine	ering; Yu, C., Co-	PI; Nasrazado	ıni, S., PI;
	Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$4,891	15%	\$733.66
_	Co-PI; Mechanical & Energy Engineering; Nasrazadani, S Engineering	S., PI; Yu, C., Co-PI;	; Engineering Technology; Dahotr	e, N., Co-PI; N	Iukherjee	, S., Co-PI; Voevo	odin, A., Co-P.	I; Materials
	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$19,992	15%	\$2,998.84
	Co-PI; Mechanical & Energy Engineering; Nasrazadani, S Engineering	S., PI; Yu, C., Co-PI;	; Engineering Technology; Mukhe.	rjee, S., Co - PI;	Voevodii	ı, A., Co-PI; Daho	otre, N., Co-P.	I; Materials
	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$3,473	15%	\$520.96
	Self-Powered Wireless Dual-Mode Langasite Sensor for Pressure / Temperature Monitoring of Nuclear Reactors	Research	Stony Brook University	Feder	al PI	\$11,905	100%	\$11,905.25
Zhang, H., (Co-PI; Shi, S., PI; Mechanical & Energy Engineering							
	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Feder	al Co-PI	\$94,831	50%	\$47,415.38
	Fabrication of Patterned Electrodes and Harmonic Generation Measurements	Research	Wonkwang University	Priva	te PI	\$10,168	100%	\$10,168.34
	Totals for	Zhang,Haifeng						\$207,187.61
	Totals for	Mechanical & Energ	gy Engineering					\$755,146.03
	Totals for	College of Engineeri	ing					\$8,932,327.16
College of	Health & Public Service							
Audiology	& Speech - Language Pathology							
Gopal,Ka Gopal, K., I	makshi V PI; Audiology & Speech - Language Pathology; Champlin,	S., Co-PI; Journalis	sm - Academic Departments					
	Hearing Health Communication Assessment: attitudes, education and prevention of recreational noise-induced hearing loss	Research	Texas Speech Language Hearing Foundation	Priva	te PI	\$1,600	50%	\$800.00
	Totals for	Gopal,Kamakshi V						\$800.00
Schafer,E	rin Cheri							

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GA00003	Autism Grant Program - Innovative Treatment Models	Research	Texas Higher Education Coordinating Board	Other	PI	\$13,983	100%	\$13,982.64
GA00003	Autism Grant Program - Innovative Treatment Models	Research	Texas Higher Education Coordinating Board	State	PI	\$41,125	100%	\$41,124.50
GP00042	Auditory Processing Research	Research	Sonova USA Inc.	Privat	e PI	\$16,692	100%	\$16,692.43
GP50004	New Oticon Hearing Technology	Research	Oticon A/S	Privat	e PI	\$14,322	100%	\$14,321.78
	Totals for	Schafer,Erin Cheri						\$86,121.35
	Totals for	Audiology & Speech	- Language Pathology					\$86,921.35
Behavior	r Analysis							
Ala'i-Ro	sales,Shahla S							
GP20038	ESATP UNT ABA Development and Training Collaboration	Public Service	Easter Seals	Privat	e PI	\$64,679	100%	\$64,679.19
	Totals for	Ala'i-Rosales,Shahla	S					\$64,679.19
Dracobly, Joseph Daniel								
GS00022	Behavior Analysis Resource Center - Competency Based Training	Public Service	Texas Health and Human Services Commission	State	PI	\$9,059	100%	\$9,059.15
GS00026	BARC DSSLC	Public Service	Texas Health and Human Services Commission	State	PI	\$27,756	100%	\$27,756.05
GS00027	BARC - PBMS Workshops	Public Service	Texas Health and Human Services Commission	State	PI	\$18,705	100%	\$18,704.83
	Totals for	Dracobly, Joseph Dan	niel					\$55,520.03
Smith,R	ichard G							
GS00022	Behavior Analysis Resource Center - Competency Based Training	Public Service	Texas Health and Human Services Commission	State	PI	\$74,735	100%	\$74,734.60
GS00025	BARC DSSLC	Public Service	Texas Health and Human Services Commission	State	PI	\$20,000	100%	\$20,000.00
GS00026	BARC DSSLC	Public Service	Texas Health and Human Services Commission	State	PI	\$229,548	100%	\$229,547.62
GS00027	BARC - PBMS Workshops	Public Service	Texas Health and Human Services Commission	State	PI	\$28,869	100%	\$28,869.27
	Totals for	Smith,Richard G						\$353,151.49
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ID	Title	Category	C	nding ource		Expended This Period	Recognition %	Recognition Amount
Vaidya,	Manish							
GS80003	Pediatric Radiation Oncology with Movie Induced Sedation Effect PROMISE	Research	University of Texas Southwestern Medica	State	PI	\$34,329	100%	\$34,328.74
	Totals for	Vaidya,Manish						\$34,328.74
	Totals for	Behavior Analysis						\$507,679.45
Commu	nication & Professional Programs - General							
Sweeten	Brenda LeAnne							
GP30012	Program Support of the Summer Bridge Program for Foster Car Alumni at UNT	e Public Service	UNT Foundation	Privat	e PI	\$39,867	100%	\$39,867.40
	Totals for	Sweeten, Brenda Le	Anne					\$39,867.40
Thomas	,Cecilia Louise	,						
GF40094	IV-E University Training Program	Instruction	Texas Department of Family & Protective Services	Federa	al PI	\$264,839	100%	\$264,838.85
GF40122	Title IV-E Training Program	Instruction	Texas Department of Family & Protective Services	Federa	al PI	\$57,587	100%	\$57,586.64
	Totals for	Thomas,Cecilia Lou	ise					\$322,425.49
	Totals for	Communication & I	Professional Programs - General					\$362,292.89
Disabilit	ty & Addiction Rehabilitation							
,	Jessica Marie							
Di Cons, o.	., Co-PI; Catalano, D., PI; Disability & Addiction Rehabil	itation						
GF0618	Long-Term Training: Rehabilitation Counseling	tation Public Service	U.S. Department of Education	Federa	al Co-PI	\$64,383	50%	\$32,191.58
		Public Service	•	Federa	al Co-PI	\$64,383	50%	\$32,191.58 \$32,191.58
GF0618 Carey,C	Long-Term Training: Rehabilitation Counseling	Public Service Brooks,Jessica Mar	ie		al Co-PI	\$64,383	50%	•
GF0618 Carey,C	Long-Term Training: Rehabilitation Counseling Totals for Chandra Donnell	Public Service Brooks,Jessica Maries, A., PI; Ceballos, P.,	ie			\$64,383 \$44,435	50% 25%	
Carey,C Carey, C. GF10000	Long-Term Training: Rehabilitation Counseling Totals for Chandra Donnell , Co-PI; Disability & Addiction Rehabilitation; Cartwright Expanding Cultural and Linguistically Appropriate Services into	Public Service Brooks, Jessica Mar A., PI; Ceballos, P., Public Service	Co-PI; Counseling & Higher Education Health Resources & Service Administration					\$32,191.58
Carey,C Carey, C. GF10000	Long-Term Training: Rehabilitation Counseling Totals for Chandra Donnell , Co-PI; Disability & Addiction Rehabilitation; Cartwright Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service Brooks,Jessica Mar A., A., PI; Ceballos, P., Public Service P., Co-PI; Wilson, A.,	Co-PI; Counseling & Higher Education Health Resources & Service Administration	n Federa	al Co-PI			\$32,191.58
Carey, C <i>Carey, C Carey, C</i> GF10000 <i>Carey, C</i> . GF10000	Long-Term Training: Rehabilitation Counseling Totals for Chandra Donnell , Co-PI; Disability & Addiction Rehabilitation; Cartwright Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings , Co-PI; Disability & Addiction Rehabilitation; Ceballos, it Expanding Cultural and Linguistically Appropriate Services into	Public Service Brooks, Jessica Mar A., PI; Ceballos, P., Public Service P., Co-PI; Wilson, A., Public Service	Co-PI; Counseling & Higher Education Health Resources & Service Administration PI; Counseling & Higher Education Health Resources & Service Administration	n Federa	al Co-PI	\$44,435	25%	\$32,191.58 \$11,108.84
Carey, C. GF10000 Carey, C. GF10000 Carey, C. GF10000 Carey, C.	Long-Term Training: Rehabilitation Counseling Totals for Chandra Donnell , Co-PI; Disability & Addiction Rehabilitation; Cartwright Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings , Co-PI; Disability & Addiction Rehabilitation; Ceballos, It Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service Brooks, Jessica Mar A., PI; Ceballos, P., Public Service P., Co-PI; Wilson, A., Public Service PI; Ceballos, P., Co-	Co-PI; Counseling & Higher Education Health Resources & Service Administration PI; Counseling & Higher Education Health Resources & Service Administration	n Federa n Federa	al Co-PI al Co-PI	\$44,435	25%	\$32,191.58 \$11,108.84
Carey, C. GF10000 Carey, C. GF10000 Carey, C. GF10000 Carey, C. GF10000	Totals for Chandra Donnell , Co-PI; Disability & Addiction Rehabilitation; Cartwright Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings , Co-PI; Disability & Addiction Rehabilitation; Ceballos, in Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings , Co-PI; Disability & Addiction Rehabilitation; Wilson, A., Expanding Cultural and Linguistically Appropriate Services into	Public Service Brooks, Jessica Mar A., A., PI; Ceballos, P., Public Service P., Co-PI; Wilson, A., Public Service PI; Ceballos, P., Co- Public Service	Co-PI; Counseling & Higher Education Health Resources & Service Administration PI; Counseling & Higher Education Health Resources & Service Administration PI; Counseling & Higher Education Health Resources & Service Administration	n Federa n Federa	al Co-PI al Co-PI	\$44,435 \$14,381	25% 25%	\$32,191.58 \$11,108.84 \$3,595.34

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
Carey, C.,	, Co-PI; Disability & Addiction Rehabilitation; Wilson, A.	, PI; Counseling & Hi	gher Education					
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	\$126,300	50%	\$63,150.18
Carey, C.,	, Co-PI; Disability & Addiction Rehabilitation; Benavides	, A., PI; Public Admin	istration					
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	Co-PI	\$95,022	50%	\$47,511.04
	Totals for	r Carey,Chandra Dor	nnell					\$207,216.49
Catalan	o,Denise Ellen							
GF0618	Long-Term Training: Rehabilitation Counseling	Public Service	U.S. Department of Education	Feder	al PI	\$138,371	100%	\$138,370.92
Catalano,	D., PI; Brooks, J., Co-PI; Disability & Addiction Rehabil	litation						
GF0618	Long-Term Training: Rehabilitation Counseling	Public Service	U.S. Department of Education	Feder	al PI	\$64,383	50%	\$32,191.58
	Totals for	r Catalano,Denise Ell	en					\$170,562.50
Gafford	Lucy Victoria							
GF40114	Recovery to PracticeATTC	Public Service	University of Texas at Austin	Feder	al PI	\$12,302	100%	\$12,301.96
Gafford, 1	L., PI; Disability & Addiction Rehabilitation; Pottathupard	ambil, R., Co-PI; Com	puter Science & Engineering					
GF40116	Explore STEM!	Public Service	Texas Workforce Commission	Feder	al PI	\$64,847	67%	\$43,447.34
GS00023	DARS CRP Credentialing Project	Public Service	Texas Workforce Commission	State	PI	\$91,998	100%	\$91,997.72
	Totals for	r Gafford,Lucy Victor	ria					\$147,747.02
Holloway,	y,Linda L , L., PI; Disability & Addiction Rehabilitation; D'Souza, N Technologies	I., Co-PI; Materials Sc	cience & Engineering; D'Souza, N., C	Co-PI; Mecho	unical & I	Energy Enginee	ering; Ennis-Col	e, D., Co-PI;
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Feder	al PI	-\$3,125	33.34%	(\$1,041.76)
	, L., PI; Disability & Addiction Rehabilitation; D'Souza, N Technologies	I., Co-PI; Mechanical	& Energy Engineering; D'Souza, N.,	Co-PI; Mate	erials Sci	ence & Enginee	ering; Ennis-Col	e, D., Co-PI;
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Feder	al PI	\$386	33.34%	\$128.53
GP6461	Hogg Foundation Recovery to Practice Training Program	Public Service	Hogg Foundation for Mental Health	Privat	te PI	\$53,939	100%	\$53,939.40
GS00008	DARS CRP Credentialing Project	Public Service	Texas Workforce Commission	State	PI	\$23,266	100%	\$23,266.46
GS00009	DARS CRP Credentialing Project	Public Service	Texas Workforce Commission	State	PI	-\$69,772	100%	(\$69,772.35)

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GS00023	DARS CRP Credentialing Project		Public Service	Texas Workforce Commission	State	PI	\$61,795	100%	\$61,794.72
		Totals for	Holloway,Linda L						\$68,314.99
Watts,Ju	ustin Robert								
GP30007	University of North Texas R.E.A.L Choices Program		Public Service	National Collegiate Athletic Association	on Priva	te PI	\$7,313	100%	\$7,312.74
			Watts,Justin Robert						\$7,312.74
		Totals for	Disability & Addiction	on Rehabilitation					\$633,345.32
Emerger	ncy Managementt & Disaster Science								
Siebeneo	k,Laura Kathryn								
GF30015	CRISP Type 2: Collaborative Research: Critical Transi Resilience and Recovery of Interdependent Social and Networks		Research	National Science Foundation	Feder	al PI	\$56,934	100%	\$56,934.32
	•	Totals for	Siebeneck,Laura Kat	hryn					\$56,934.32
Zavar,E	lyse Marie								
GF30054	RAPID: Exploring the Design and Implementation of I Programs in Post-Disaster Settings	Buyout	Research	National Science Foundation	Feder	al PI	\$14,559	100%	\$14,558.61
	,	Totals for	Zavar,Elyse Marie						\$14,558.61
		Totals for	Emergency Managen	nentt & Disaster Science					\$71,492.93
Public A	dministration								
Andrew, S	Simon S., Co-PI; Public Administration; Namuduri, K., P.	I; Electrica	al Engineering						
GF30005	EAGER: Networked Aerial Base Stations For Enabling Emergency Communications During Disaster Recovery	g	Research	National Science Foundation	Feder	al Co-PI	\$29,229	50%	\$14,614.42
	•	Totals for	Andrew,Simon						\$14,614.42
	es,Abraham David s, A., PI; Public Administration; Carey, C., Co-PI;	· Disability	& Addiction Rehabi	litation					
GS00028	Health Community Collaborative Learning Community	у	Public Service	Texas Health and Human Services Commission	State	PI	\$95,022	50%	\$47,511.04
	•	Totals for	Benavides,Abraham	David					\$47,511.04
Collins, B	<mark>Brian K.</mark> ., PI; Keyes, L., Co-PI; Public Administration; Tiv	wari, C., C	o-PI; Geography						
GF40112	Senior Services Age Friendly Cities Assessment, San A Texas	Antonio,	Research	City of San Antonio	Feder	al PI	\$74,741	50%	\$37,370.50
	•	Totals for	Collins,Brian K.						\$37,370.50
Dash,Ni	cole								

Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
Co-PI; Webb, G., PI; Public Administration						
An Exploratory Study of Disaster Preparedness among Native American Communities in the United States	Research	National Science Foundation	Federal Co-PI	\$57,723	50%	\$28,861.66
Totals for	Dash,Nicole					\$28,861.66
e Soun						
A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks	Research	The University of Utah	Private PI	\$1,349	100%	\$1,349.45
Totals for	Jang,Hee Soun					\$1,349.45
	Co-PI; Geography					
Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research	City of San Antonio	Federal Co-PI	\$74,741	50%	\$37,370.50
Totals for	Keyes,Laura Marie					\$37,370.50
ar						
An Exploratory Study of Disaster Preparedness among Native American Communities in the United States	Research	National Science Foundation	Federal PI	\$57,723	50%	\$28,861.66
Totals for	Webb,Gary R					\$28,861.66
Totals for	Public Administration	n				\$195,939.22
Totals for						\$1>C,>C>122
Totals for		Public Service				<u> </u>
Totals for of Information tion Science		Public Service				
Totals for of Information	College of Health &	Public Service				\$1,857,671.16
Totals for of Information tion Science r,Yvonne J	College of Health &	Public Service Institute of Museum and Library Service	es Federal PI	\$37,333	75%	,
Totals for of Information tion Science r,Yvonne J Y., PI; Information Science; Halbert, M., OTHER; Universalistic A Project to	College of Health & l		es Federal PI	\$37,333	75%	\$1,857,671.16
Totals for of Information tion Science r,Yvonne J Y., PI; Information Science; Halbert, M., OTHER; Universal Library Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II)	College of Health & Sity Library - General Instruction		es Federal PI	\$37,333	75%	\$1,857,671.16 \$27,999.41
Totals for of Information tion Science r, Yvonne J Y., PI; Information Science; Halbert, M., OTHER; University Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II) Totals for angping	College of Health & Sity Library - General Instruction		es Federal PI Federal Co-PI	\$37,333 \$105,694	75% 50%	\$1,857,671.16 \$27,999.41 \$27,999.41
Totals for of Information tion Science r, Yvonne J Y., PI; Information Science; Halbert, M., OTHER; Universellation for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II) Totals for tangping Co-PI; Ding, J., PI; Information Science	College of Health & State Library - General Instruction Chandler, Yvonne J Research	Institute of Museum and Library Service				\$1,857,671.16 \$27,999.41 \$27,999.41
Totals for of Information tion Science r,Yvonne J Y., PI; Information Science; Halbert, M., OTHER; Universal Library Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II) Totals for angping Co-PI; Ding, J., PI; Information Science REU Site: Data Analytics and Information Retrieval Developing Library Cyberinfrastructure Stategy for Big Data and	College of Health & Sity Library - General Instruction Chandler, Yvonne J Research Research	Institute of Museum and Library Service National Science Foundation Virginia Polytechnic Institute and State	Federal Co-PI	\$105,694	50%	\$1,857,671.16 \$27,999.41 \$27,999.41 \$52,847.01 \$6,499.98
Totals for of Information tion Science r,Yvonne J Y., PI; Information Science; Halbert, M., OTHER; Universal Library Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II) Totals for angping Co-PI; Ding, J., PI; Information Science REU Site: Data Analytics and Information Retrieval Developing Library Cyberinfrastructure Stategy for Big Data and Reuse	College of Health & Sity Library - General Instruction Chandler, Yvonne J Research Research	Institute of Museum and Library Service National Science Foundation Virginia Polytechnic Institute and State	Federal Co-PI	\$105,694	50%	\$1,857,671.16 \$27,999.41 \$27,999.41 \$52,847.01 \$6,499.98
Totals for of Information tion Science r, Yvonne J Y., PI; Information Science; Halbert, M., OTHER; University Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II) Totals for angping Co-PI; Ding, J., PI; Information Science REU Site: Data Analytics and Information Retrieval Developing Library Cyberinfrastructure Stategy for Big Data and Reuse Totals for anhua	College of Health & Sity Library - General Instruction Chandler, Yvonne J Research Research	Institute of Museum and Library Service National Science Foundation Virginia Polytechnic Institute and State	Federal Co-PI	\$105,694	50%	\$1,857,671.16 \$27,999.41 \$27,999.41 \$52,847.01
•	American Communities in the United States Totals for e Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Common Services Age Friendly Cities Assessment, San Antonio, Texas Totals for ary R PI; Dash, N., Co-PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for	Co-PI; Webb, G., PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Dash, Nicole e Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for Jang, Hee Soun aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Co-PI; Geography Senior Services Age Friendly Cities Assessment, San Antonio, Texas Totals for Keyes, Laura Marie ary R PI; Dash, N., Co-PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Webb, Gary R	An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Dash, Nicole e Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for Jang, Hee Soun aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Co-PI; Geography Senior Services Age Friendly Cities Assessment, San Antonio, Texas Totals for Keyes, Laura Marie ary R PI; Dash, N., Co-PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Webb, Gary R	An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Dash, Nicole Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for Jang, Hee Soun Aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Co-PI; Geography Senior Services Age Friendly Cities Assessment, San Antonio, Texas Totals for Keyes, Laura Marie An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Webb, Gary R	Co-PI; Webb, G., PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Dash, Nicole e Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for Jang, Hee Soun aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Co-PI; Geography Senior Services Age Friendly Cities Assessment, San Antonio, Research City of San Antonio Federal Co-PI \$74,741 Texas Totals for Keyes, Laura Marie ary R PI; Dash, N., Co-PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Webb, Gary R	Co-PI; Webb, G., PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Dash, Nicole e Soun A Study of a Cross-Sector Collaboration System for the Homeless: The Case of Continuum of Care (CoC) Homeless Networks Totals for Jang, Hee Soun aura Marie Co-PI; Collins, B., PI; Public Administration; Tiwari, C., Co-PI; Geography Senior Services Age Friendly Cities Assessment, San Antonio, Texas Totals for Keyes, Laura Marie ary R PI; Dash, N., Co-PI; Public Administration An Exploratory Study of Disaster Preparedness among Native American Communities in the United States Totals for Webb, Gary R

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	teh,Suliman M h, S., Co-PI; Information Science; Dantu, R., PI; Computer	Science & Engine	ering: Kim. D. Co-PI: Information Tec	hnology & l	Decision	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation		ral Co-PI	-\$4,198	25%	(\$1,049.54)
Hawamde	ch, S., Co-PI; Information Science; Kim, D., Co-PI; Informa	tion Technology &	Decision Science; Dantu, R., PI; Comp	outer Scienc	e & Engi	neering		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral Co-PI	\$5,059	25%	\$1,264.63
Hawamde	ch, S., Co-PI; Information Science; Dantu, R., PI; Computer	Science & Engine	ering; Kim, D., Co-PI; Information Tec	hnology & I	Decision	Science		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral Co-PI	\$35,218	25%	\$8,804.38
Hawamde	ch, S., Co-PI; Information Science; Kim, D., Co-PI; Informa	tion Technology &	Decision Science; Dantu, R., PI; Comp	outer Scienc	e & Engi	neering		
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Feder	ral Co-PI	\$29,763	25%	\$7,440.79
	Totals for	Hawamdeh,Sulim	an M					\$16,460.26
	Jr.,John Lewis ∴, J., PI; Schultz-Jones, B., Co-PI; Information Science							
GF70043	Preparing Librarians for Data Literacy Leadership	Research	Institute of Museum and Library Service	es Feder	ral PI	\$43,461	50%	\$21,730.54
	Totals for	Marino Jr.,John	Lewis					\$21,730.54
	Jones,Barbara A ones, B., Co-PI; Marino Jr., J., PI; Information Science							
GF70043	Preparing Librarians for Data Literacy Leadership	Research	Institute of Museum and Library Service	es Feder	ral Co-PI	\$43,461	50%	\$21,730.54
	Totals for	Schultz-Jones,Bar	rbara A					\$21,730.54
	a,Oksana Lvivna O., PI; Information Science; Chelliah, S., Co-PI; Linguistic	s; Phillips, M., Co	-PI; Digital Libraries					
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Service	ees Feder	al PI	\$16,800	33.34%	\$5,601.25
Zavalina,	O., PI; Information Science; Phillips, M., Co-PI; Digital Li	braries; Chelliah,	S., Co-PI; Linguistics					
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Service	ees Feder	ral PI	\$2,310	33.34%	\$770.16
	Totals for	Zavalina,Oksana	Lvivna					\$6,371.40
	Totals for	Information Scien	nce					\$206,486.12
Learning	g Technologies							
	nsen,Rhonda R en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ning Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW	Research	National Science Foundation	Feder	ral Co-PI	\$122,120	33%	\$40,299.48
Office of	Grants and Contracts Administration, University of N	North Texas				Annual E.	xpenditures, FY2	019: Page 64 of 110

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Christens	en, R., Co-PI; Tyler-Wood, T., Co-PI; Knezek, G., PI; Learni	ng Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Fede	ral Co-PI	\$35,629	33%	\$11,757.54
Christens	en, R., Co-PI; Tyler-Wood, T., PI; Knezek, G., Co-PI; Learni	ng Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Fede	ral Co-PI	\$13,234	33%	\$4,367.15
Christens	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learni	ng Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Fede	ral Co-PI	\$221,895	33%	\$73,225.28
Christens	en, R., Co-PI; Tyler-Wood, T., Co-PI; Knezek, G., PI; Learni	ng Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Fede	ral Co-PI	\$42,854	33%	\$14,141.74
Christens	en, R., Co-PI; Knezek, G., PI; Learning Technologies							
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University Hawaii	of Priva	te Co-PI	\$26,144	50%	\$13,071.94
Christens	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learni	ng Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	University of Hawaii	Priva	te Co-PI	\$22,052	33%	\$7,277.25
	Totals for	Christensen,Rhond	la R					\$164,140.39
Ennis-Co	ole,Demetria Loryn le, D., Co-PI; Learning Technologies; D'Souza, N., Co-PI; M Rehabilitation	echanical & Energ	gy Engineering; D'Souza, N., Co-PI; M	laterials Sc	ience & E	'ngineering; Hol	lloway, L., PI; L	Disability &
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Fede	ral Co-PI	\$801	33.33%	\$266.89
	le, D., Co-PI; Learning Technologies; Holloway, L., PI; Disangineering	bility & Addiction	Rehabilitation; D'Souza, N., Co-PI; M.	laterials Sc	ience & E	ngineering; D'S	ouza, N., Co-PI	; Mechanical &
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Fede	ral Co-PI	-\$3,125	33.33%	(\$1,041.45)
	le, D., Co-PI; Learning Technologies; Holloway, L., PI; Disa & Engineering	bility & Addiction	Rehabilitation; D'Souza, N., Co-PI; M.	lechanical d	& Energy	Engineering; D	'Souza, N., Co-l	PI; Materials
GF40093	STEM at the Park!	Public Service	Texas Workforce Commission	Fede	ral Co-PI	-\$415	33.33%	(\$138.41)
	Totals for	Ennis-Cole,Demetr	ia Loryn					(\$912.96)
Hayes,A	deshia T							
GF30067	WORKSHOP: The IEEE Virtual Reality 2019 Doctoral Consortium	Research	National Science Foundation	Fede	ral PI	\$7,234	100%	\$7,233.59
	Totals for	Hayes,Aleshia T						\$7,233.59
Knezek, Knezek, (Gerald G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learni	ng Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)		National Science Foundation	Fede	ral PI	\$151,411	34%	\$51,479.85

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
Knezek, C	G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learnin	g Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Feder	ral PI	\$6,337	34%	\$2,154.66
Knezek, C	G., Co-PI; Tyler-Wood, T., PI; Christensen, R., Co-PI; Learnin	g Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Feder	ral Co-PI	\$13,234	33%	\$4,367.15
Knezek, C	G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learnin	g Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Feder	ral PI	\$208,621	34%	\$70,931.11
Knezek, C	G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learnin	g Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Feder	ral PI	\$56,128	34%	\$19,083.39
Knezek, C	G., PI; Christensen, R., Co-PI; Learning Technologies							
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University Hawaii	of Priva	te PI	\$26,144	50%	\$13,071.94
Knezek, C	G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learnin	g Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	University of Hawaii	Priva	te PI	\$23,263	34%	\$7,909.34
Knezek, C	G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learnin	g Technologies						
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	University of Hawaii	Priva	te PI	-\$1,211	34%	(\$411.57)
	Totals for	Knezek,Gerald						\$168,585.88
-	T ood,Tandra L od, T., Co-PI; Christensen, R., Co-PI; Knezek, G., PI; Learnin	g Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Feder	ral Co-PI	\$35,629	33%	\$11,757.54
Tyler-Wo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learnin	g Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Feder	ral Co-PI	\$122,120	33%	\$40,299.48
Tyler-Wo	od, T., PI; Christensen, R., Co-PI; Knezek, G., Co-PI; Learnin	g Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Feder	ral PI	\$13,151	34%	\$4,471.45
Tyler-Woo	od, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learnin	g Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Feder	ral PI	\$82	34%	\$28.04
Tyler-Wo	od, T., Co-PI; Christensen, R., Co-PI; Knezek, G., PI; Learnin	g Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Feder	ral Co-PI	\$42,854	33%	\$14,141.74

Project ID	Title	Category	C	unding PI/ Source Co-l	-	Recognition %	Recognition Amount
Tyler-Woc	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learn	ning Technologies					
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal Co	PI \$221,895	33%	\$73,225.28
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learn	ning Technologies					
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	n Research	University of Hawaii	Private Co	PI \$22,052	2 33%	\$7,277.25
	Totals for	Tyler-Wood,Tandr	a L				\$151,200.78
	Totals for	Learning Technolo	gies				\$490,247.68
Linguisti	ics						
Chelliah	,Shobhana L						
GF30014	Dene/Athabaskan Language Conference and Workshop 2017	Research	National Science Foundation	Federal F	\$6,254	100%	\$6,253.61
Chelliah, i	S., PI; Linguistics; King, K., Co-PI; Meernik, J., Co-PI; Po	litical Science					
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federal I	\$35,21	7 50%	\$17,608.42
Chelliah, l	S., PI; Linguistics; Meernik, J., Co-PI; King, K., Co-PI; Po	litical Science					
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federal F	-\$3,873	3 50%	(\$1,936.74)
Chelliah, i	S., Co-PI; Linguistics; Phillips, M., Co-PI; Digital Librarie	s; Zavalina, O., PI;	Information Science				
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	s Federal Co	PI \$6,230	33.33%	\$2,076.31
Chelliah, l	S., Co-PI; Linguistics; Zavalina, O., PI; Information Scienc	e; Phillips, M., Co-l	PI; Digital Libraries				
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	s Federal Co	PI \$12,88	33.33%	\$4,293.18
	Totals for	Chelliah,Shobhana	L				\$28,294.79
Munshi,	Sadaf						
GF30057	Investigation of Tonogensis and Consonant Inventories Through Language Documentation	Research	National Science Foundation	Federal F	\$50,33	1 100%	\$50,330.90
	Totals for	Munshi,Sadaf					\$50,330.90
	Totals for	Linguistics					\$78,625.69
	Totals for	College of Informa	tion				\$775,359.49
College o	of Liberal Arts & Social Sciences						
Commun	nication Studies						
Ahmed,I							
GF4245	GECAT- Global Initiative to Enhance @ Scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World	Research	University of Illinois at Urbana-Champai	gn Federal F	\$21,582	2 100%	\$21,582.13
	Totals for	Ahmed,Iftekhar					\$21,582.13

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	Totals for	Communication Studi	ies					\$21,582.13
Economi	ics							
Carroll,	Michael							
Carroll, M	I., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I	Marketing & Logistics	; Nowicki, D., PI; Engineering Tech	hnology				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Feder	al Co-PI	\$126	0%	\$0.00
Carroll, M	d., Co-PI; Economics; Nowicki, D., PI; Engineering Technol	logy; Nowicki, D., PI;	Bomba, M., Co-PI; Marketing & L	ogistics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Feder	al Co-PI	-\$1	0%	\$0.00
	Totals for	Carroll,Michael						\$0.00
,	Michael Charles 1., Co-PI; Economics; Bomba, M., Co-PI; Nowicki, D., PI; I	Marketing & Logistics	; Nowicki, D., PI; Engineering Tecl	hnology				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Feder	al Co-PI	\$70,317	0%	\$0.00
Carroll, M	M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I	Marketing & Logistics	; Nowicki, D., PI; Engineering Tech	hnology				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Feder	al Co-PI	\$66,221	0%	\$0.00
Carroll, M	M., Co-PI; Economics; Nowicki, D., PI; Engineering Technol	logy; Nowicki, D., PI;	Bomba, M., Co-PI; Marketing & L	ogistics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Feder	al Co-PI	\$140,537	0%	\$0.00
	Totals for	Carroll, Michael Char	les					\$0.00
Leonard	,Tammy Christine							
GP10001	A Multisector Solution to Build a Culture of Health Among Food Insecure Populations in Dallas County	Research	University of Texas Southwestern Med	lical Privat	e PI	\$30,128	100%	\$30,128.12
	Totals for	Leonard, Tammy Chri	istine					\$30,128.12
	Totals for	Economics						\$30,128.12
Geograp	hy							
Frv.Mat	thew Joseph							
GP20064	Policy Implications of Trans-National Shale Development in Texas and Mexico	Research	Southern Methodist University	Privat	e PI	\$9,657	100%	\$9,657.45
	Totals for	Fry,Matthew Joseph						\$9,657.45
Nagaoka	,Lisa A							

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended This Period	Recognition %	Recognition Amount
Nagaoka,	L., PI; Pan, F., Co-PI; Wolverton, S., Co-PI; Geography; A	tkinson, S., Co-PI;	Biological Sciences				
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal PI	\$8,998	35%	\$3,149.44
Nagaoka,	L., Co-PI; Wolverton, S., PI; Geography; Johnson, J., Co-F	I; Biological Scienc	ces				
GF30007	The Use of "Ancient" DNA for Interpreting Predation and Mammalian Population Dynamics	Research	National Science Foundation	Federal Co-PI	\$2,744	20%	\$548.86
	Totals for	Nagaoka,Lisa A					\$3,698.30
	Joseph R I., Co-PI; Geography; Ishiyama, J., PI; Political Science						
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Federal Co-PI	\$100,835	50%	\$50,417.63
	Totals for	Oppong,Joseph R					\$50,417.63
Pan,Feif							
	Co-PI; Nagaoka, L., PI; Wolverton, S., Co-PI; Geography; A		-				
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal Co-PI	\$8,998	35%	\$3,149.44
	Totals for	Pan,Feifei					\$3,149.44
Ponette,	Alexandra Gisela						
GF30000	CAREER: Intra-Urban Variability in Black Carbon Deposition: Rates, Pathways, and Determinants	Research	National Science Foundation	Federal PI	\$79,960	100%	\$79,960.05
GF30001	Belmont Forum Collaborative Research: ClimateWIse: ClimateSmart Watershed Investments in the Montane Tropics of South America	Research	National Science Foundation	Federal PI	\$104	100%	\$103.95
	Totals for	Ponette,Alexandra	Gisela				\$80,064.00
Tiwari,C Tiwari, C.	C hetan , Co-PI; Geography; Mikler, A., PI; Ramisetty-Mikler, S., C	o-PI; Computer Sc	ience & Engineering; O'Neill II, M	Л., Co-PI; Institute for Ap _l	plied Sciences		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federal Co-PI	\$72,132	25%	\$18,033.03
Tiwari, C.	, Co-PI; Geography; O'Neill II, M., Co-PI; Institute for App	olied Sciences; Ram	isetty-Mikler, S., Co-PI; Mikler, A	1., PI; Computer Science o	& Engineering		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federal Co-PI	\$15,633	25%	\$3,908.30
Tiwari, C.	, Co-PI; Geography; Collins, B., PI; Keyes, L., Co-PI; Publ	lic Administration					
GF40112	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research	City of San Antonio	Federal Co-PI	\$74,741	0%	\$0.00
	Totals for	Tiwari,Chetan					\$21,941.33
Williams	s,Harry F L						
GF30040	RAPID: Collaborative Research: Tracking Hurricane Harvey's Storm Surge and Flood Sedimentation	Research	National Science Foundation	Federal PI	\$9,645	100%	\$9,644.53

Moranga Research National Science Foundation Federal Pl \$24,692 100%	Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
### Research Production Pr	GP20025		Research	National Geographic Society	Privat	e PI	\$1,122	100%	\$1,122.00
Rappin Rappin Collaborative Research: Tracking Hurricane Harvey's Research National Science Foundation Federal Pi S1,139 109%		Totals for	Williams,Harry F L						\$10,766.53
Totals for Walliams, Harry Frederick Leonar Walliams, Harry Frederick Leonar Walliams, Harry Frederick Leonar Walliams, Wallia	Williams	s,Harry Frederick Leonar							
Note	GF30040		Research	National Science Foundation	Federa	al PI	\$1,139	100%	\$1,139.39
Wolverton, S., Co-Pl; Nagaoka, L., Pl; Pan, F., Co-Pl; Geography; Alkinson, S., Co-Pl; Biological Sciences GB*171		Totals for	Williams,Harry Fre	derick Leonar					\$1,139.39
Pueblo III Mesa Verde Villages Wolverton, St. Pl. Nagaoka, L., Co-Pl. Geography, Johnson, J., Co-Pl. Biological Sciences			Atkinson, S., Co-PI; E	Biological Sciences					
Research National Science Foundation Federal Pl \$2,744 40% Administration Pederal Pl Pederal Pl \$2,744 40% Administration Pederal Pl \$2,744 Administration Pederal Pl \$4,692 Administration Pederal Pl \$4,193 Admi	GF1711		Research	National Science Foundation	Federa	al Co-PI	\$8,998	20%	\$1,799.68
Mammalian Population Dynamics Totals for	Wolverton	a, S., PI; Nagaoka, L., Co-PI; Geography; Johnson, J., Co-F	PI; Biological Science	es					
History Moran, Rachel Louise GF30068 A History of the Definition and Diagnosis of Postpartum Research National Science Foundation Federal PI \$24,692 100% poperasion Totals for Moran, Rachel Louise Federal PI \$24,692 100% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise New Jersey Institute of Technology - NJIT Federal PI \$4,129 100% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise Totals for Moran, Rachel Louise New Jersey Institute of Technology - NJIT Federal PI \$4,129 100% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise New Jersey Institute of Technology - NJIT Federal PI \$4,129 100% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise New Jersey Institute of Technology - NJIT Federal PI \$4,129 100% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise New Jersey Institute of Technology - NJIT Federal PI \$18,799 6.8% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise Nesearch National Science Foundation Federal PI \$18,799 6.8% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise National Science Foundation Federal PI \$47,175 6.8% poperation of the Moran Robert Dryden Totals for Moran, Rachel Louise Totals for Moran, Rachel Louise Totals for Moran, Rachel Louise Nesearch National Science Foundation Federal PI \$47,175 6.8% poperation of the Moran Robert Dryden Totals for Research National Science Foundation Federal PI \$47,175 6.8% poperat	GF30007		Research	National Science Foundation	Federa	al PI	\$2,744	40%	\$1,097.71
Moran,Rachel Louise GF30008 A History of the Definition and Diagnosis of Postpartum Depression Totals for Moran,Rachel Louise Weltigion Studies Briggle,Adam Robert Dryden GF40121 Workshop on Assessing Ethics Education Interventions in Public Service New Jersey Institute of Technology - NJIT Federal PI \$4,129 100% Briggle,Adam Robert Dryden Jimenez, Jaime Enrique Jimenez, Jaime Enrique Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 RES: Cross-Cutting Interdisciplinary Research and Integration of Decology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 RES: Cross-Cutting Interdisciplinary Research and Integration of Decology and Biocultural Conservation in the World's Sounternmost Forests Research National Science Foundation Federal PI \$47,175 6.8% of Science Sounternmost Forests		Totals for	Wolverton,Steven Jo	ohn					\$2,897.39
Moran, Rachel Louise GF30068 A History of the Definition and Diagnosis of Postpartum Poperssion Totals for Depression Totals for Depres		Totals for	Geography						\$183,731.46
Depression Dep	History								
Depression Dep	Moran,F	Rachel Louise							
Philosophy & Religion Studies Briggle, Adam Robert Dryden GF40121 Workshop on Assessing Ethics Education Interventions in Science and Engineering Totals for Briggle, Adam Robert Dryden Totals for Briggle, Adam Robert Dryden Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 RES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sountermnost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 RES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sountermnost Forests Research National Science Foundation Federal PI \$18,799 6.8% of Ecology and Biocultural Conservation in the World's Sountermnost Forests	GF30068	•	Research	National Science Foundation	Federa	al PI	\$24,692	100%	\$24,691.69
Briggle,Adam Robert Dryden GF40121 Workshop on Assessing Ethics Education Interventions in Science and Engineering Totals for Briggle,Adam Robert Dryden Jimenez, Jaime Enrique Jimenez, J., Pl; Rozzi, R., Co-Pl; Philosophy & Religion Studies; Jimenez, J., Pl; Kennedy, J., Co-Pl; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., Pl; Rozzi, R., Co-Pl; Philosophy & Religion Studies; Kennedy, J., Co-Pl; Jimenez, J., Pl; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., Pl; Rozzi, R., Co-Pl; Philosophy & Religion Studies; Kennedy, J., Co-Pl; Jimenez, J., Pl; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests		Totals for	Moran,Rachel Louis	se					\$24,691.69
Briggle,Adam Robert Dryden GF40121 Workshop on Assessing Ethics Education Interventions in Science and Engineering Totals for Briggle,Adam Robert Dryden Jimenez, Jaime Enrique Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests		Totals for	History						\$24,691.69
Briggle,Adam Robert Dryden GF40121 Workshop on Assessing Ethics Education Interventions in Science and Engineering Totals for Briggle,Adam Robert Dryden Jimenez, Jaime Enrique Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Philosop	hy & Religion Studies							
GF40121 Workshop on Assessing Ethics Education Interventions in Science and Engineering Totals for Briggle, Adam Robert Dryden Jimenez, Jaime Enrique Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Research National Science Foundation Federal PI \$47,175 6.8% Sounternmost Forests		· · ·							
Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Research National Science Foundation Federal PI \$47,175 6.8% of Ecology and Biocultural Conservation in the World's Sounternmost Forests		Workshop on Assessing Ethics Education Interventions in	Public Service	New Jersey Institute of Technology - N	JIT Federa	al PI	\$4,129	100%	\$4,128.88
Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Research National Science Foundation Federal PI \$47,175 6.8% of Ecology and Biocultural Conservation in the World's Sounternmost Forests		Totals for	Briggle,Adam Robe	rt Dryden					\$4,128.88
of Ecology and Biocultural Conservation in the World's Sounternmost Forests Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration Research National Science Foundation Federal PI \$47,175 6.8% of Ecology and Biocultural Conservation in the World's Sounternmost Forests		Jaime Enrique		•					¥ 1,0.00
GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests Research National Science Foundation Federal PI \$47,175 6.8%		IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's	-	_	Federa	al PI	\$18,799	6.8%	\$1,278.30
GF30033 IRES: Cross-Cutting Interdisciplinary Research and Integration Research National Science Foundation Federal PI \$47,175 6.8% of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Jimenez, J	I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Ken	nedy, J., Co-PI; Jim	enez, J., PI; Biological Sciences					
Totals for Jimenez, Jaime Enrique	GF30033	of Ecology and Biocultural Conservation in the World's	Research	National Science Foundation	Federa	al PI	\$47,175	6.8%	\$3,207.93
		Totals for	Jimenez,Jaime Enri	que					\$4,486.23

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Rozzi, Ri	icardo Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jim	enez, J., PI; Kennedy,	J., Co-PI; Biological Sciences					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$18,799	33%	\$6,203.52
Rozzi, R.,	Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Ken	nnedy, J., Co-PI; Jime	nez, J., PI; Biological Sciences					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$47,175	33%	\$15,567.89
Rozzi, R.,	Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Ken	nnedy, J., Co-PI; Biolo	ogical Sciences; Jimenez, J., PI; Mati	hematics				
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$26,940	33%	\$8,890.25
Rozzi, R.,	Co-PI; Philosophy & Religion Studies; Kennedy, J., PI; Jim	nenez, J., Co-PI; Biolo	ogical Sciences; Jimenez, J., Co-PI; I	Mathematic	S			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$2,443	33%	\$806.03
	Totals for	Rozzi,Ricardo						\$31,467.69
	Totals for	Philosophy & Religio	on Studies					\$40,082.80
Political	Science							
	g,Marijke M., Co-PI; Ishiyama, J., PI; Political Science							
GP20056	Rethinking the Political Science Major: A Conference Proposal	Instruction	The American Political Science Associa	ation Privat	te Co-PI	\$24,203	50%	\$12,101.59
	Totals for	Breuning,Marijke						\$12,101.59
Hensel,I	Paul Richard							
GF2707	Identity Claims: Expanding the Issue Correlates of War (ICOW) Dataset	Research	U.S. Office of Naval Research	Feder	al PI	\$68,474	100%	\$68,474.48
	Totals for	Hensel,Paul Richard						\$68,474.48
-/	a,John T. J., PI; Political Science; Oppong, J., Co-PI; Geography							
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Feder	al PI	\$100,835	50%	\$50,417.63
Ishiyama,	J., PI; Breuning, M., Co-PI; Political Science							
GP20056	Rethinking the Political Science Major: A Conference Proposal	Instruction	The American Political Science Associa	ation Privat	te PI	\$24,203	50%	\$12,101.59
GP20060	Political Science Pre-Graduate School Workshops	Public Service	The American Political Science Associa	ation Privat	te PI	\$5,049	100%	\$5,048.58
		Ishiyama,John T.						\$67,567.80
King,Ki	mi Lynn							

Project ID	Title		Category	Sponsor	Funding 1 Source		Expended This Period	Recognition %	Recognition Amount
King, K.,	Co-PI; Meernik, J., Co-PI; Political Science; C	helliah, S., F	PI; Linguistics						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Federal	l Co-PI	\$31,343	25%	\$7,835.84
		Totals for	King,Kimi Lynn						\$7,835.84
	a ,James David J., Co-PI; King, K., Co-PI; Political Science; C.	helliah, S., F	PI; Linguistics						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Federal	l Co-PI	\$31,343	25%	\$7,835.84
		Totals for	Meernik,James Dav	id					\$7,835.84
		Totals for	Political Science						\$163,815.56
Psycholo	gy								
Blument	hal,Heidemarie								
GF00005	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ado		Research	National Institutes of Health	Federal	l PI	\$18,592	100%	\$18,592.06
Blumenth	al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-F	PI; Psycholog	gy						
GF00006	A Controlled Test of Interpersonal Rejection, Social Alcohol Use among Female Adolescents	Anxiety, and	Research	National Institutes of Health	Federal	l PI	\$95,645	80%	\$76,515.61
Blumenth	al, H., PI; Taylor, D., Co-PI; Ruggero, C., Co-F	PI; Psycholog	gy						
GF00006	A Controlled Test of Interpersonal Rejection, Social Alcohol Use among Female Adolescents	Anxiety, and	Research	National Institutes of Health	Federal	l PI	\$23,108	80%	\$18,486.10
GF00012	Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Ma		Research	National Institutes of Health	Federal	l PI	\$26,973	100%	\$26,972.81
		Totals for	Blumenthal, Heidem	arie					\$140,566.58
Hook,Jo	shua Nord								
GP20015	Building a Bridge Between Psychology and Church	Ministry	Research	John Templeton Foundation	Private	PI	\$94,034	100%	\$94,034.41
GP30004	Developing Humility in Leadership		Research	Biola University	Private	PI	\$34,757	100%	\$34,756.51
GP6499	Acts of God: The Effect of Natural Disasters on God Representations via Meaning Making	d	Research	Wheaton College	Private	PI	\$1,929	100%	\$1,929.44
		Totals for	Hook,Joshua Nord						\$130,720.36
	mberly S Co-PI; Ruggero, C., Co-PI; Taylor, D., PI; Psy	chology							
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)		Research	National Institutes of Health	Federal	l Co-PI	\$32,383	40%	\$12,953.23
Kelly, K., Co-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psychology									
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	3.	Research	National Institutes of Health	Federal	l Co-PI	\$183,819	40%	\$73,527.47
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GF00003 S	; Taylor, D., OPI; Ruggero, C., Co-PI; Psychology leep and Vaccine Response in Nurses (SAV-RN)						
	leep and Vaccine Response in Nurses (SAV-RN)						
V 11 V C		Research	National Institutes of Health	Federal	PI \$35,559	40%	\$14,223.51
Kelly, K., Co	-PI; Ruggero, C., Co-PI; Taylor, D., PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$13,451	40%	\$5,380.40
Kelly, K., Co	-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$174,478	3 40%	\$69,791.26
Kelly, K., PI;	Ruggero, C., Co-PI; Taylor, D., Co-PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI \$37,359	40%	\$14,943.56
	Totals for	Kelly,Kimberly S					\$190,819.43
Riggs,Shell	-						
GF70055 V	Veteran Parenting Program	Research	U.S. Department of Veterns Affairs	Federal	PI \$24,323	3 100%	\$24,323.46
	Totals for	Riggs,Shelley Ann					\$24,323.46
Ruggero, C.,	amilo Co-PI; Kelly, K., Co-PI; Taylor, D., PI; Psychology						
GF00003 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$32,383	3 20%	\$6,476.62
Ruggero, C.,	Co-PI; Kelly, K., PI; Taylor, D., OPI; Psychology						
GF00003 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$35,559	20%	\$7,111.76
Ruggero, C.,	Co-PI; Taylor, D., PI; Kelly, K., Co-PI; Psychology						
GF00003 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$183,819	20%	\$36,763.73
Ruggero, C.,	Co-PI; Kelly, K., Co-PI; Taylor, D., PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$13,45	20%	\$2,690.20
Ruggero, C.,	Co-PI; Kelly, K., PI; Taylor, D., Co-PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$37,359	20%	\$7,471.78
Ruggero, C.,	Co-PI; Taylor, D., PI; Kelly, K., Co-PI; Psychology						
GF00004 S	leep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal C	o-PI \$174,478	3 20%	\$34,895.63
Ruggero, C.,	Co-PI; Blumenthal, H., PI; Taylor, D., Co-PI; Psycholog	y					
	Controlled Test of Interpersonal Rejection, Social Anxiety, and alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal C	o-PI \$96,145	5 5%	\$4,807.23
Ruggero, C.,	Co-PI; Taylor, D., Co-PI; Blumenthal, H., PI; Psycholog	y					
	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal C	o-PI \$22,608	3 5%	\$1,130.38

Project ID	Title	Category	C	Funding PI / Source Co-PI	Expended R This Period	ecognition %	Recognition Amount
GF40106	Personality-informed care model for 9/11-related comorbid conditions	Research	Stony Brook University	Federal PI	\$19,188	100%	\$19,188.01
	Totals for	Ruggero,Camilo					\$120,535.33
Taylor,I Taylor, D	Daniel ., OPI; Kelly, K., PI; Ruggero, C., Co-PI; Psychology						
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal Co-PI	\$35,559	40%	\$14,223.51
Taylor, D	., PI; Kelly, K., Co-PI; Ruggero, C., Co-PI; Psychology						
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal PI	\$152,472	40%	\$60,988.94
Taylor, D	., PI; Ruggero, C., Co-PI; Kelly, K., Co-PI; Psychology						
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal PI	\$63,729	40%	\$25,491.76
aylor, D	., Co-PI; Kelly, K., PI; Ruggero, C., Co-PI; Psychology						
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal Co-PI	\$37,359	40%	\$14,943.56
Taylor, D	., PI; Kelly, K., Co-PI; Ruggero, C., Co-PI; Psychology						
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal PI	\$187,929	40%	\$75,171.66
aylor, D	., Co-PI; Blumenthal, H., PI; Ruggero, C., Co-PI; Psycholog	SV					
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal Co-PI	\$96,145	15%	\$14,421.68
Taylor, D	., Co-PI; Ruggero, C., Co-PI; Blumenthal, H., PI; Psycholog	SV.					
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal Co-PI	\$22,608	15%	\$3,391.14
GF4287	CAP-Treatment of Comorbid Sleep Disorders and PTSD	Research	University of Texas Health Science Cen at San Antonio	ter Federal PI	\$191,010	100%	\$191,010.38
GF70026	Web-Based Provider Training for Cognitive Behavioral Therapy of Insomnia (CBTi)	Research	U.S. Department of Defense- CDMRP	Federal PI	\$716,366	100%	\$716,366.49
	Totals for	Taylor,Daniel					\$1,116,009.12
	Totals for	Psychology					\$1,722,974.28
Technico (al Communication						
	;Ryan K						
Boettger,	R., PI; Technical Communication; Hoeinghaus, D., Co-PI; I	Biological Sciences	; Ludi, S., Co-PI; Computer Science &	Engineering			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal PI	\$60,936	56%	\$34,123.90
Boettger,	R., PI; Technical Communication; Ludi, S., Co-PI; Compute	r Science & Engine	eering; Hoeinghaus, D., Co-PI; Biologi	cal Sciences			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal PI	\$18,837	56%	\$10,548.72
	Totals for	Boettger,Ryan K					\$44,672.62
Office of	Grants and Contracts Administration, University of N	orth Tevas			Annual Expe	enditures. FY20)19: Page 74 of 116

ID	Title		Category	C	inding ource	PI / Co-PI	Expended I This Period	Recognition %	Recognition Amount
Montler	Timothy Robert								
GF70001	Saanich (str-saa) Texts and Grammar		Research	National Endowment for the Humanities	Federa	l PI	\$84,165	100%	\$84,165.07
		Totals for	Montler, Timothy R	obert					\$84,165.07
		Totals for	Technical Commun	ication					\$128,837.69
World L	anguage, Literature, & Cultures								
Filosofo	va,Tatiana Vladimirovna								
GF70035	STARTALK: 2018 Welcome to My World- Summer Proposal 2018 (Russian and Chinese), UNT Campus		Instruction	National Security Agency	Federa	l PI	\$6,290	100%	\$6,289.98
GF70053	Export Controlled		Instruction	National Security Agency	Federa	l PI	\$78,047	100%	\$78,047.04
		Totals for	Filosofova,Tatiana	Vladimirovna					\$84,337.02
		Totals for	World Language, L	iterature, & Cultures					\$84,337.02
		Totals for	College of Liberal A	arts & Social Sciences					\$2,400,180.75
C1 (11T	General								
Pookula	ngara,Sanjukta Arun	D ('1'	T	I Con III' '	Г 1	1 DI	614 124	1000/	¢1.4.122.75
			Instruction	Iowa State University	Federa	ıl PI	\$14,124	100%	\$14,123.75
Pookula	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur		Instruction Pookulangara,Sanju	·	Federa	ıl PI	\$14,124	100%	\$14,123.75 \$14,123.75
Pookula	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur	US		·	Federa	l PI	\$14,124	100%	\$14,123.75
Pookula GF40009	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur	US Totals for	Pookulangara,Sanj	·	Federa	l PI	\$14,124	100%	
Pookula GF40009 <i>Hospital</i>	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the	US Totals for	Pookulangara,Sanj	·	Federa	l PI	\$14,124	100%	\$14,123.75
Pookula GF40009 <i>Hospital</i> Kim,You	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the	US Totals for Totals for	Pookulangara,Sanj	·			\$14,124 \$39,932	100%	\$14,123.75 \$14,123.75
Pookula GF40009 <i>Hospital</i> Kim,You	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the ity & Tourism Ing Hoon A case of city development: Incubating Village for I	US Totals for Totals for	Pookulangara,Sanji CMHT - General	ukta Arun Korea Institute for International Economic					\$14,123.75
Pookula GF40009 Hospital Kim,You GP50008	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the lity & Tourism Ing Hoon A case of city development: Incubating Village for E (Demilitarized Zone: Dream and Miracle Zone)	Totals for Totals for OMZ	Pookulangara,Sanji CMHT - General Research	ukta Arun Korea Institute for International Economic					\$14,123.75 \$14,123.75 \$39,932.32
Pookula GF40009 Hospital Kim,You GP50008 Leung,X Leung, X	ngara,Sanjukta Arun A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the ity & Tourism Ing Hoon A case of city development: Incubating Village for E (Demilitarized Zone: Dream and Miracle Zone)	Totals for Totals for DMZ Totals for	Pookulangara,Sanji CMHT - General Research Kim,Young Hoon	ukta Arun Korea Institute for International Economic		e PI			\$14,123.75 \$14,123.75 \$39,932.32 \$39,932.32
Pookula GF40009 Hospital Kim,You GP50008	A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the ity & Tourism Ing Hoon A case of city development: Incubating Village for D (Demilitarized Zone: Dream and Miracle Zone) i Yu PI; Wen, H., Co-PI; Hospitality & Tourism An Automated Future for Restaurants? A Study of H	Totals for Totals for DMZ Totals for Iuman-Robot-	Pookulangara,Sanji CMHT - General Research Kim,Young Hoon	Korea Institute for International Economic Policy Foodservice Systems Management	e Privato	e PI	\$39,932	100%	\$14,123.75 \$14,123.75 \$39,932.32
Pookula GF40009 Hospital Kim,You GP50008 Leung,X Leung, X GP20069 Wen,Ha	A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the ity & Tourism Ing Hoon A case of city development: Incubating Village for E (Demilitarized Zone: Dream and Miracle Zone) i Yu PI; Wen, H., Co-PI; Hospitality & Tourism An Automated Future for Restaurants? A Study of H Interaction in Restaurant Takeout Orders	Totals for Totals for DMZ Totals for Iuman-Robot-	Pookulangara,Sanji CMHT - General Research Kim,Young Hoon Research	Korea Institute for International Economic Policy Foodservice Systems Management	e Privato	e PI	\$39,932	100%	\$14,123.75 \$14,123.75 \$39,932.32 \$39,932.32
Pookula GF40009 Hospital Kim,You GP50008 Leung,X Leung, X GP20069 Wen,Ha	A Multi-Dimensional Approach to Meet 21st Centur Education and Industry Challenges for India and the ity & Tourism Ing Hoon A case of city development: Incubating Village for D (Demilitarized Zone: Dream and Miracle Zone) If Yu PI; Wen, H., Co-PI; Hospitality & Tourism An Automated Future for Restaurants? A Study of H Interaction in Restaurant Takeout Orders	Totals for Totals for Totals for Totals for Totals for Totals for	Pookulangara,Sanji CMHT - General Research Kim,Young Hoon Research Leung,Xi Yu	Korea Institute for International Economic Policy Foodservice Systems Management	e Private Private	e PI	\$39,932	100%	\$14,123.75 \$14,123.75 \$39,932.32 \$39,932.32

Project ID	Title	Category	Sponsor	Funding PI Source Co		Expended 1 This Period	Recognition %	Recognition Amount
	Totals for	Hospitality & Tou	ırism					\$40,782.00
Merchan	ndising & Digital Retailing							
Kim,Ha Kim, H., (e jung Co-PI; Kim, J., PI; Xu, B., Co-PI; Yang, K., Co-PI; Mercho	andising & Digital I	Retailing					
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	\$12,490	20%	\$2,497.92
	Totals for	Kim,Haejung						\$2,497.92
Kim,JiY Kim, J., P	oung I; Xu, B., Co-PI; Merchandising & Digital Retailing							
GP20050	Cotton on the Move	Instruction	Cotton Incorporated	Private	PI	\$13,032	90%	\$11,728.92
Kim, J., P	I; Kim, H., Co-PI; Xu, B., Co-PI; Yang, K., Co-PI; Merch	andising & Digital I	Retailing					
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	PI	\$8,304	40%	\$3,321.47
Kim, J., P	I; Xu, B., Co-PI; Kim, H., Co-PI; Yang, K., Co-PI; Merch	andising & Digital I	Retailing					
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	PI	\$4,186	40%	\$1,674.36
	Totals for	Kim,JiYoung						\$16,724.75
Xu,Buga	10							
GF70036	Feasibility Study That Examines the Potential for Using Laser- Scattering as a Detection Mechanism	Research	Agriculture Research Service	Federal	PI	\$10,648	100%	\$10,647.57
GP20013	On-Loom Fabric Defect Inspection Using Contact Image Sensor	rs Research	Wal-mart Foundation, Inc.	Private	PI	\$28,154	100%	\$28,154.48
GP20047	Dual-beard Fibrography for Cotton Length Distribution Measurement	Research	Cotton Incorporated	Private	PI	\$17,068	100%	\$17,067.93
Хи, В., Са	p-PI; Kim, J., PI; Merchandising & Digital Retailing							
GP20050	Cotton on the Move	Instruction	Cotton Incorporated	Private	Co-PI	\$13,032	10%	\$1,303.21
GP20061	GN19-0104_Xu	Research	Cotton Incorporated	Private	PI	\$27,341	100%	\$27,341.15
GP20062	Detection of plastic contaminants in cotton ginning process usin NIR optoelectronic technology	g Research	Cotton Incorporated	Private	PI	\$17,774	100%	\$17,773.51
Хи, В., Са	o-PI; Kim, J., PI; Kim, H., Co-PI; Yang, K., Co-PI; Mercho	andising & Digital I	Retailing					
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	\$12,490	20%	\$2,497.92
	Totals for	Xu,Bugao						\$104,785.77
Yang,Ki Yang, K.,	seol Co-PI; Kim, J., PI; Kim, H., Co-PI; Xu, B., Co-PI; Mercho	andising & Digital I	Retailing					
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	\$8,304	20%	\$1,660.74

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Yang, K.,	Co-PI; Kim, J., PI; Xu, B., Co-PI; Kim, H., Co-PI; M	<i>lerchana</i>	lising & Digital Reta	uiling					
GP20066	EduCotton:Collaborative Learning Environment		Instruction	Cotton Incorporated	Priva	te Co-PI	\$4,186	20%	\$837.18
	Tota	als for	Yang,Kiseol						\$2,497.92
	Tota	als for	Merchandising & Dig	gital Retailing					\$126,506.36
	Tota	als for	College of Merchandi	ising, Hospitality & Tourism					\$181,412.11
College	of Music								
Instrume	ental Studies								
Chesky,	Kris								
GF40120	EMPOWERING BAND, CHOIR, AND ORCHESTRA TEACHERS WITH EFFECTIVE HEALTH EDUCATION STRATEGIES	N	Public Service	University of North Texas Health Scier at Forth Worth	nce Feder	ral PI	\$16,173	100%	\$16,173.19
	Tota	als for	Chesky,Kris						\$16,173.19
	Tota	als for	Instrumental Studies						\$16,173.19
	Tota	als for	College of Music						\$16,173.19
College	of Science								
Advance	d Environmental Research								
Atkinsoi	n,Samuel F								
GP40015	Aquatic Macrophyte Restoration Project		Research	City of Austin	Priva	te PI	\$14,118	100%	\$14,118.02
	Tota	als for	Atkinson,Samuel F						\$14,118.02
Crossley	II,Dane Alan								
GF30069	Collaborative Research: Effect Of Developmental Hypoxia Juvenile Cardiac Function	a On	Research	National Science Foundation	Feder	ral PI	\$83,592	100%	\$83,592.41
	Tota	als for	Crossley II,Dane Alan	n					\$83,592.41
Kennedy	y,James H								
GF40024	Aquatic herpetofaunal and Macroinvertebrate Inventory of Maxey in North-East Texas	f Camp	Research	Texas Adjutant Generals Department	Feder	ral PI	\$9,028	100%	\$9,028.31
GP40012	Surveillance of Mosquitoes and Arboviruses Including We Virus in the City of Denton during the 2018 Mosquito Seas		Research	City of Denton	Priva	te PI	\$15,130	100%	\$15,130.47
GP40014	Surveillance of Mosquitoes and Arboviruses Including We Virus in the City of Denton During the 2019 Mosquito Sea		Research	City of Denton	Priva	te PI	\$7,822	100%	\$7,822.05
	Tota	als for	Kennedy,James H						\$31,980.83
Roberts,	Aaron Patrick								
GF40118	Effects of PCB on Early Lifestage Zebrafish		Research	ABT Associates, Inc	Feder	ral PI	\$19,876	100%	\$19,876.20

Project ID	Title	Category	Sponsor	Funding I Source C	PI / Co-PI		Recognition %	Recognition Amount
	Totals for	Roberts,Aaron Patri	ick					\$19,876.20
	Totals for	Advanced Environm	nental Research					\$149,567.46
Biologica	al Sciences							
Alonso,	Ana paula							
GF10503	Systems Approach to Understanding and Improving Industrial C Biosynthesis in an Emerging Crop Physaria fendleri	il Research	U.S. Department of Agriculture	Federal	PI	\$124,880	100%	\$124,879.87
GF40090	Collaborative Research : Dimensions : Secondary Metabolites as Drivers of Fungal Endophyte Community Diversity	Research	The Ohio State University	Federal	PI	\$120,866	100%	\$120,865.77
GF70041	Development of Resources and Tools to Improve Oil Content an Quality in Pennycress	d Research	U.S. Department of Energy	Federal	PI	\$271,896	100%	\$271,896.10
GP10003	Developing and Characterizing Soybean Cultivars With Increase Oil While Maintaining Protein and Yield	d Research	The Ohio State University	Private	PI	\$113,824	100%	\$113,823.54
	Totals for	Alonso,Ana paula						\$631,465.28
Atkinsoi	n,Samuel F							
G70933	Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas	Research	City of Austin	Private	PI	\$16,526	100%	\$16,526.49
Atkinson,	S., Co-PI; Biological Sciences; Nagaoka, L., PI; Pan, F., (Co-PI; Wolverton, S.,	Co-PI; Geography					
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal	Co-PI	\$8,998	10%	\$899.84
GF40064	Aquatic Vegetation Monitoring and Management, Lamar Lake, Lake Neff, and LeMoore Lake, Camp Maxey, TX	Research	Texas Adjutant Generals Department	Federal	PI	\$13,961	100%	\$13,960.69
GP40007	Ecosystem Management of Big Spring, Dallas, Texas	Research	City of Dallas	Private	PI	\$3,238	100%	\$3,238.18
	Totals for	Atkinson,Samuel F						\$34,625.20
Ayre,Br	ian G							
GF1748	Unraveling the Link Between Carbohydrate Transport and Phosphate Use: Can We Improve Carbon Partitioning and Reduc Nutrient Use?	Research	National Science Foundation	Federal	PI	\$158,155	100%	\$158,154.65
Ayre, B.,	PI; McGarry, R., Co-PI; Biological Sciences							
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	PI	\$15,090	50%	\$7,545.09
Ayre, B.,	PI; McGarry, R., Co-PI; Biological Sciences							
GP20065	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Private	PI	\$28,128	50%	\$14,063.96

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
GP6458	Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum	Research	United Sorghum Checkoff	Priva	te PI	-\$173	100%	(\$173.08)
	Totals for	Ayre,Brian G						\$179,590.62
-	jeev Kumar Co-PI; Padilla, P., PI; Biological Sciences; Azad, R., Co-PI	; Mathematics						
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Fede	ral Co-PI	\$63,177	24%	\$15,162.51
Azad, R.,	Co-PI; Jagadeeswaran, P., PI; Biological Sciences; Azad, R	., Co-PI; Mathem	atics					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Fede	ral Co-PI	\$96,779	6%	\$5,806.76
Azad, R.,	Co-PI; Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., Co-PI;	Biological Science	es; Azad, R., Co-PI; Azad, R., Co-PI	I; Mathematics				
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Fede	ral Co-PI	-\$90	10.44%	(\$9.40)
Azad, R.,	Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Azad, R., Co-PI;	Biological Science	es; Azad, R., Co-PI; Azad, R., Co-PI	; Mathematics				
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Fede	ral Co-PI	-\$90	6.96%	(\$6.27)
Azad, R., (Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biological Science	es; Azad, R., Co-l	PI; Mathematics					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Fede	ral Co-PI	\$265	17.4%	\$46.19
Azad, R.,	Co-PI; Shulaev, V., Co-PI; Mittler, R., PI; Biological Science	es; Azad, R., Co-l	PI; Mathematics					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Fede	ral Co-PI	\$284	17.4%	\$49.44
	Co-PI; Chen, F., Co-PI; Dixon, R., PI; Biological Sciences; pring; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	Azad, R., Co-PI;	Mathematics; Boyd, R., Co-PI; Teac	cher Education	& Admini	stration; D'Soi	ıza, N., Co-PI; N	laterials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$39,840	6%	\$2,390.41
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bio N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin	-	Azad, R., Co-PI; Azad, R., Co-PI; M	lathematics; Bo	yd, R., Co	o-PI; Teacher I	Education & Adn	ninistration;
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$17,555	2.4%	\$421.31
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bio N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin		Azad, R., Co-PI; Azad, R., Co-PI; M	fathematics; Bo	yd, R., Co	o-PI; Teacher E	Education & Adn	ninistration;
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$17,555	3.6%	\$631.97
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bio Materials Science & Engineering; Azad, R., Co-PI; Azad,	logical Sciences;	D'Souza, N., Co-PI; D'Souza, N., Co	o-PI; Mechanic	al & Ener	gy Engineering	g; D'Souza, N., C	Co-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,702	2.4%	\$376.85
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bio Materials Science & Engineering; Azad, R., Co-PI; Azad,	logical Sciences;	D'Souza, N., Co-PI; D'Souza, N., Co	o-PI; Mechanic	al & Ener	gy Engineering	g; D'Souza, N., C	Co-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,702	3.6%	\$565.27

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount	
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bid; Materials Science & Engineering; Boyd, R., Co-PI; Teach		D'Souza, N., Co-PI; D'Souza, N., Co-I	PI; Mechanico	ıl & Ener	gy Engineering	; D'Souza, N., C	Co-PI; D'Souza,	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$11,327	2.4%	\$271.84	
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Bic I; Materials Science & Engineering; Boyd, R., Co-PI; Teach		D'Souza, N., Co-PI; D'Souza, N., Co-I	PI; Mechanico	ıl & Ener	gy Engineering	; D'Souza, N., C	Co-PI; D'Souza,	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$11,327	3.6%	\$407.77	
Azad, R., Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science & Engineering; D'Souza, N., Co-PI; Mechanical & Energy Engineeri									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$77,071	6%	\$4,624.28	
	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biological Sciences, ingineering; D'Souza, N., Co-PI; Materials Science & Engin		Mathematics; Boyd, R., Co-PI; Teache	er Education (& Admin	istration; D'Sou	za, N., Co-PI; M	Iechanical &	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$53,901	6%	\$3,234.04	
Azad, R.,	Co-PI; Mittler, R., PI; Biological Sciences; Azad, R., Co-PI	; Mathematics							
GF30010	NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Feder	al Co-PI	\$53	12%	\$6.40	
Azad, R.,	PI; Biological Sciences; Azad, R., PI; Mathematics								
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Feder	al PI	\$10,980	60%	\$6,588.26	
	Totals for	Azad,Rajeev Kun	nar					\$40,567.62	
	en,Warren W ı, W., PI; Padilla, P., Co-PI; Biological Sciences								
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	National Science Foundation	Feder	al PI	\$83,830	60%	\$50,298.14	
GF70045	High-Throughput Neurotoxicity Screening of Chemical Compounds Service	Research	U.S. Army	Feder	al PI	\$84,208	100%	\$84,207.58	
Burggren	, W., PI; Jagadeeswaran, P., Co-PI; Biological Sciences								
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Priva	te PI	\$32,482	60%	\$19,489.21	
Burggren	, W., Co-PI; Dubansky, B., PI; Biological Sciences								
GP00040	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research	World Precision Instruments, Inc.	Priva	te Co-PI	\$41,529	50%	\$20,764.49	
Burggren	, W., Co-PI; Crossley II, D., Co-PI; Mager, E., Co-PI; Robe	erts, A., PI; Biologi	ical Sciences						
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Med	licine Privat	te Co-PI	\$80,238	25%	\$20,059.39	
Burggren	, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Mager,	E., Co-PI; Biolog	ical Sciences						
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Med	licine Priva	te Co-PI	\$278,290	25%	\$69,572.59	
Burggren	Validation of Ecological Risk-II (RECOVER-II) A, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Mager, Relationship of Effects of Cardiac Outcomes in fish for	E., Co-PI; Biolog	ical Sciences						

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Burggren,	W., Co-PI; Roberts, A., PI; Mager, E., Co-PI; Crossley II,	D., Co-PI; Biologica	al Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medici	ine Priva	te Co-PI	\$77,275	25%	\$19,318.86
Burggren,	W., PI; Crossley II, D., Co-PI; Roberts, A., Co-PI; Biologic	cal Sciences						
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medici	ine Priva	te PI	-\$4,130	34%	(\$1,404.11)
GP6498	Developmental Implications of Vertebrate Blastocyst Disassembly and Reassembly	Research	Dallas IVF	Priva	te PI	\$6,715	100%	\$6,714.52
	Totals for	Burggren,Warren V	V					\$289,020.68
Chapma	n,Kent D							
GF10502	Engineering Lipid Droplets for Increasing Oil Content and Abiotic Stress Tolerance of Plants	Research	Agriculture Research Service	Feder	ral PI	\$25,551	100%	\$25,550.68
GF1691	CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development	Research	National Science Foundation	Feder	ral PI	\$105,252	100%	\$105,252.14
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Feder	ral PI	\$194,615	100%	\$194,615.25
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Feder	ral PI	\$190,006	100%	\$190,005.93
GP00030	Embryogenic Cell Culture Screening System for Herbicide Tolerance	Research	BASF Plant Science, LP	Priva	te PI	\$145,399	100%	\$145,398.50
GP20045	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein	Research	Cotton Incorporated	Priva	te PI	\$18,051	100%	\$18,051.43
GP20063	Engineering Seed Value in Cotton	Research	Cotton Incorporated	Priva	te PI	\$41,646	100%	\$41,646.17
	Totals for	Chapman,Kent D						\$720,520.10
	ng Co-PI; Azad, R., Co-PI; Dixon, R., PI; Biological Sciences; ering; D'Souza, N., Co-PI; Mechanical & Energy Engineeri		athematics; Boyd, R., Co-PI; Teacher	Education	& Admini	stration; D'Sou	za, N., Co-PI; N	Materials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$39,840	25%	\$9,960.05
	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Azad, R., Co-PI; Bic N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin		ad, R., Co-PI; Azad, R., Co-PI; Mathe	ematics; Bo	yd, R., Co	-PI; Teacher E	Education & Adm	ninistration;
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$17,555	25%	\$4,388.65
	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio Materials Science & Engineering; Azad, R., Co-PI; Azad,	ological Sciences; D'	Souza, N., Co-PI; D'Souza, N., Co-PI;	Mechanica	al & Ener	gy Engineering	; D'Souza, N., C	Co-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,702	25%	\$3,925.48
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio ; Materials Science & Engineering; Boyd, R., Co-PI; Teach	-	D'Souza, N., Co-PI; D'Souza, N., Co-	-PI; Mechanic	al & Ener	gy Engineering	; D'Souza, N., C	'o-PI; D'Souza,
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$11,327	25%	\$2,831.72
	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biological Sciences; ering; D'Souza, N., Co-PI; Mechanical & Energy Engineeri		Mathematics; Boyd, R., Co-PI; Teach	her Education	& Admini	istration; D'Sou	za, N., Co-PI; M	laterials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$77,071	25%	\$19,267.82
	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biological Sciences; ngineering; D'Souza, N., Co-PI; Materials Science & Engine		Mathematics; Boyd, R., Co-PI; Teach	her Education	& Admini	istration; D'Sou	za, N., Co-PI; M	Iechanical &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$53,901	25%	\$13,475.16
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Fede	ral Co-PI	\$314,728	50%	\$157,363.85
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation:Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Fede	ral Co-PI	\$36,380	50%	\$18,189.94
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF4183	Bioenergy Sciences Center	Research	UT-Battelle, LLC	Fede	ral Co-PI	-\$3,218	50%	(\$1,609.15)
	Totals for	Chen,Fang						\$227,793.50
-,	y II,Dane Alan II, D., Co-PI; Burggren, W., Co-PI; Mager, E., Co-PI; Robe	erts, A., PI; Biolog	ical Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Me	edicine Priva	ate Co-PI	\$80,238	25%	\$20,059.39
Crossley .	II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Mager,	E., Co-PI; Biolog	rical Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Me	edicine Priva	ate Co-PI	\$278,290	25%	\$69,572.59
Crossley .	II, D., Co-PI; Roberts, A., PI; Mager, E., Co-PI; Burggren,	W., Co-PI; Biolog	ical Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Me	edicine Priva	nte Co-PI	\$77,275	25%	\$19,318.86
Crossley .	II, D., Co-PI; Burggren, W., PI; Roberts, A., Co-PI; Biologic	cal Sciences						
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Me	edicine Priva	ate Co-PI	-\$3,045	33%	(\$1,004.73)
Crossley .	II, D., Co-PI; Roberts, A., Co-PI; Burggren, W., PI; Biologic	cal Sciences						
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Me	edicine Priva	ate Co-PI	-\$1,085	33%	(\$358.08)
	Totals for	Crossley II,Dane	Alan					\$107,588.03
Dickstei	n,Rebecca							
GF40073	Research-PGR: Functional genomics of beneficial legume- microbe interactions	Research	Samuel Roberts Noble Foundation,	Inc. Fede	ral PI	\$62,765	100%	\$62,764.65
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
GF4131	GEPR: Genetic and Cellular Dissection of Mutualistic Plant- Cicrobe Symbioses in Medicago Truncatula	Research	Samuel Roberts Noble Foundation, Inc	c. Feder	ral PI	\$47	100%	\$46.86	
	Totals for	Dickstein,Rebecca	ì					\$62,811.51	
Dixon,Richard Arthur Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science & Engineering; D'Souza, N., Co-PI; Mechanical & Energy Engineeri									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral PI	\$116,911	45%	\$52,610.16	
	, PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; ngineering; D'Souza, N., Co-PI; Materials Science & Engine		Mathematics; Boyd, R., Co-PI; Teacher	r Education	& Admin	istration; D'Souz	ca, N., Co-PI; M	lechanical &	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral PI	\$53,901	45%	\$24,255.28	
	, PI; Chen, F., Co-PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engin		Azad, R., Co-PI; Azad, R., Co-PI; Math	nematics; Bo	yd, R., Co	o-PI; Teacher Ed	lucation & Adm	inistration;	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral PI	\$17,555	45%	\$7,899.57	
	, PI; Chen, F., Co-PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio ; Materials Science & Engineering; Azad, R., Co-PI; Azad,	ological Sciences; I	D'Souza, N., Co-PI; D'Souza, N., Co-PI	I; Mechanico	al & Ener	gy Engineering;	D'Souza, N., C	o-PI; D'Souza,	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral PI	\$15,702	45%	\$7,065.86	
	, PI; Chen, F., Co-PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio ; Materials Science & Engineering; Boyd, R., Co-PI; Teach	_	D'Souza, N., Co-PI; D'Souza, N., Co-PI	I; Mechanico	al & Ener	gy Engineering;	D'Souza, N., C	o-PI; D'Souza,	
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral PI	\$11,327	45%	\$5,097.09	
Dixon, R.,	, PI; Chen, F., Co-PI; Biological Sciences								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	ral PI	\$314,728	50%	\$157,363.85	
Dixon, R.,	, PI; Chen, F., Co-PI; Biological Sciences								
GF40068	Center for Bioenergy Innovation:Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	ral PI	\$36,380	50%	\$18,189.94	
Dixon, R.,	, PI; Chen, F., Co-PI; Biological Sciences								
GF4183	Bioenergy Sciences Center	Research	UT-Battelle, LLC	Feder	ral PI	-\$3,218	50%	(\$1,609.15)	
GF4293	Botanicals Dietary Supplement Research Center- Dietary Polyphenols in the Preservation and Promotion of Cognitive Wellness and Psychological Resiliency	Research	Mount Sinai School of Medicine	Feder	ral PI	\$177,483	100%	\$177,482.60	
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Priva	te PI	\$137,050	100%	\$137,049.84	
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Priva	te PI	\$148,038	100%	\$148,037.73	
	Totals for	Dixon,Richard Ar	rthur					\$733,442.76	

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Dubansky,	B., PI; Burggren, W., Co-PI; Biological Sciences							
GP00040	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research	World Precision Instruments, Inc.	Privat	e PI	\$41,529	50%	\$20,764.49
	Totals for	Dubansky,Benjamir	n David					\$20,764.49
	aus,David Joseph us, D., Co-PI; Biological Sciences; Boettger, R., PI; Technic	cal Communication;	Ludi, S., Co-PI; Computer Science &	Engineerin	g			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Feder	al Co-PI	\$75,500	22%	\$16,610.07
Hoeinghai	us, D., Co-PI; Biological Sciences; Ludi, S., Co-PI; Comput	er Science & Engine	eering; Boettger, R., PI; Technical Co	mmunicatio	n			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Feder	al Co-PI	\$4,272	22%	\$939.89
GF4253	Quantification of Alligator Gar Recruitment Dynamics Using a River Stage Specific Floodplain Inundation Model	Research	Wildlife Management Institute, Inc.	Feder	al PI	-\$1,394	100%	(\$1,393.73)
GS00029	Environmental Flow Regime Assessment and Development of a Monitoring Framework	Research	Texas A&M AgriLife Extension Service	ee State	PI	\$37,708	100%	\$37,707.53
	Totals for	Hoeinghaus,David J	oseph					\$53,863.76
Hughes, I	Lee E ., Co-PI; Biological Sciences; Eddy, C., PI; Harrell, P., Co-	-PI: Teacher Fducat	ion & Administration: Ovintanilla I	Co-PI: Ma	thematic	S		
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation		al Co-PI	-\$600	6%	(\$36.00)
Hughes L	., Co-PI; Biological Sciences; Harrell, P., Co-PI; Eddy, C.,	PI: Teacher Educat	ion & Administration: Ouintanilla J	Co-PI: Ma	thematic	5		, ,
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation		al Co-PI	-\$100	6%	(\$6.00)
Hughes, L	., PI; Padilla, P., Co-PI; Biological Sciences							
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Feder	al PI	\$42,296	66.67%	\$28,198.86
	Totals for	Hughes,Lee E						\$28,156.86
	swaran,Pudur varan, P., PI; Azad, R., Co-PI; Biological Sciences; Azad, R	., Co-PI; Mathemati	ics					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Feder	al PI	\$96,779	90%	\$87,101.33
Jagadeesv	varan, P., Co-PI; Burggren, W., PI; Biological Sciences							
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Privat	e Co-PI	\$32,482	40%	\$12,992.81
	Totals for	Jagadeeswaran,Pud	lur					\$100,094.13
	Jaime Enrique I., Co-PI; Kennedy, J., PI; Biological Sciences; Jimenez, J.,	Co-PI; Mathematics	s; Rozzi, R., Co-PI; Philosophy & Rel	igion Studies	ï			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$2,443	27.2%	\$664.37

Project ID	Title	Category	Sponsor	_	PI / Co-PI	-	Recognition %	Recognition Amount
Jimenez, .	I., PI; Kennedy, J., Co-PI; Biological Sciences; Jimenez, J.,	PI; Mathematics;	Rozzi, R., Co-PI; Philosophy & Religi	ion Studies				
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al PI	\$26,940	27.2%	\$7,327.72
Jimenez, J	I., PI; Kennedy, J., Co-PI; Biological Sciences; Jimenez, J.,	PI; Rozzi, R., Co-I	PI; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al PI	\$18,799	27.2%	\$5,113.21
Jimenez, J	I., PI; Kennedy, J., Co-PI; Biological Sciences; Rozzi, R., Co	o-PI; Jimenez, J., I	PI; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al PI	\$47,175	27.2%	\$12,831.71
	Totals for	Jimenez,Jaime En	rique					\$25,937.01
Johnson			1					
	I., Co-PI; Biological Sciences; Wolverton, S., PI; Nagaoka,	- '	•	Endon	al Ca Di	\$2.744	400/	¢1 007 71
GF30007	The Use of "Ancient" DNA for Interpreting Predation and Mammalian Population Dynamics	Research	National Science Foundation	reder	al Co-PI	\$2,744	40%	\$1,097.71
	Totals for	Johnson,Jeff A.						\$1,097.71
-	y ,James H J., Co-PI; Jimenez, J., PI; Biological Sciences; Jimenez, J.,	PI; Mathematics;	Rozzi, R., Co-PI; Philosophy & Religi	ion Studies				
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$26,940	33%	\$8,890.25
Kennedy,	J., Co-PI; Jimenez, J., PI; Biological Sciences; Jimenez, J.,	PI; Rozzi, R., Co-I	PI; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$18,799	33%	\$6,203.52
Kennedy,	J., Co-PI; Jimenez, J., PI; Biological Sciences; Rozzi, R., Co	o-PI; Jimenez, J., I	PI; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al Co-PI	\$47,175	33%	\$15,567.89
Kennedy,	J., PI; Jimenez, J., Co-PI; Biological Sciences; Jimenez, J.,	Co-PI; Mathemati	cs; Rozzi, R., Co-PI; Philosophy & Re	eligion Studie.	5			
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al PI	\$2,443	33%	\$806.03
GF40024	Aquatic herpetofaunal and Macroinvertebrate Inventory of Camp Maxey in North-East Texas	Research	Texas Adjutant Generals Department	Feder	al PI	\$13,534	100%	\$13,533.97
	Totals for	Kennedy,James H						\$45,001.66
I anga A	ntonella , Co-PI; Wang, X., PI; Biological Sciences							
	. Co-F1. wang. A., F1. Diological Sciences							

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Longo,Antonella						\$24,115.47
,	nie Kathleen PI; Mcfarlin, B., Co-PI; Biological Sciences; Mcfarlin, B., (Co-PI; Kinesiology, I	Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Fede	ral PI	\$171,097	80%	\$136,877.23
	Totals for	Lund, Amie Kathlee	n					\$136,877.23
7	dward Michael , Co-PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Robe	erts, A., PI; Biologica	ıl Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medi	icine Priva	te Co-PI	\$80,238	25%	\$20,059.39
Mager, E.	, Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Crossley II,	D., Co-PI; Biologica	al Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medi	icine Priva	te Co-PI	\$278,290	25%	\$69,572.59
Mager, E.	, Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Burggren,	W., Co-PI; Biologica	ıl Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medi	icine Priva	te Co-PI	\$77,275	25%	\$19,318.86
	Totals for	Mager,Edward Mic	hael					\$108,950.84
	a ,Brian Keith B., Co-PI; Lund, A., PI; Biological Sciences; Mcfarlin, B., (Co-PI; Kinesiology, I	Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Fede	ral Co-PI	\$171,097	2%	\$3,421.93
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, I	Health Promotion, &	Recreation					
GP00002	The Effect of 30 Days of Megasporebiotic Supplementation on Post-Prandial Responses to a High-Fat Meal	Research	Physicians Exclusive, LLC	Priva	te PI	\$18,001	10%	\$1,800.11
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B	., PI; Vingren, J., Co	o-PI; Kinesiology, Health Promotion	, & Recreation	on			
GP00012	Treatment with AyuFlex(R): Potential to Modulate Inflammation and Reduce Muscle Recovery Time following Injury	Research	Natreon Inc.	Priva	te PI	\$14,096	6%	\$845.76
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Olson, R., Co-	PI; Kinesiology, He	alth Promotion, & Recreation					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Management in Overweight/Obese Women	Research	Nu Science	Priva	te PI	\$10,000	9%	\$900.00
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B	., PI; Bowman, E., C	Co-PI; Vingren, J., Co-PI; Kinesiolog	gy, Health Pr	omotion,	& Recreation		
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$5,187	5%	\$259.36
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B	., PI; Vingren, J., Co	o-PI; Kinesiology, Health Promotion	, & Recreation	on			
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$3,515	5%	\$175.76

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mcfarlin, Recreatio	B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Biological Scien	nces; Mcfarlin,	B., PI; Vingren, J., Co-PI; Bowman	, E., Co-PI; Vin	gren, J.,	Co-PI; Kinesio	logy, Health Pro	omotion, &
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	te PI	\$2,489	5%	\$124.46
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Kinesio	logy, Health Pr	omotion,	& Recreation		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$1,125	5%	\$56.27
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Vingren, J.,	Co-PI; Bowman, E., Co-PI; Kinesio	logy, Health Pr	omotion,	& Recreation		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$1,915	5%	\$95.74
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Vingren, J.,	Co-PI; Kinesiology, Health Promoti	ion, & Recreatio	on			
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	te PI	\$2,704	5%	\$135.21
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Bowman, E., G	Co-PI; Olson, R.	, Co-PI; Vingren, J., Co-PI; Mcfarl	lin, B., PI; Kine	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$85,502	6.5%	\$5,557.63
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Bowman, E.,	Co-PI; Olson, R., Co-PI; Vingren,	J., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	!
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$96,236	6.5%	\$6,255.32
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Olson, I	R., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	!
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$320	6.5%	\$20.80
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Olson, R., Co	o-PI; Bowman, E., Co-PI; Vingren,	J., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	!
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$484	6.5%	\$31.46
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Olson, R., Co	o-PI; Vingren, J., Co-PI; Kinesiolog	gy, Health Pron	otion, &	Recreation		
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$465	6.5%	\$30.20
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Vingren, J.,	Co-PI; Olson, R., Co-PI; Bowman, I	E., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$274	6.5%	\$17.81
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., I	PI; Hill, D., Co-	PI; Vingren, J., Co-PI; Kinesiology,	, Health Promo	tion, & R	ecreation		
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	te PI	-\$687	10%	(\$68.73)
	B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Biological Scient, & Recreation	nces; Mcfarlin,	B., PI; Hill, D., Co-PI; Vingren, J.,	Co-PI; Bowma	n, E., Co-	PI; Vingren, J.,	Co-PI; Kinesio	logy, Health
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	te PI	\$13,874	10%	\$1,387.43

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B.	PI; Vingren, J.,	Co-PI; Kinesiology, Health Promo	tion, & Recreation	on			
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Priva	te PI	\$2,916	6%	\$174.93
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, H	ealth Promotion,	& Recreation					
GP20028	Adaptogenic Health Impact of Longvida® and Pomella® in Healthy Subjects: Potential Synergies of Longvida® and Pomella®	Research	Verdure Sciences	Priva	te PI	\$17,600	10%	\$1,759.96
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Bowman, E.,	Co-PI; Nite, K.,	Co-PI; Olson, R., Co-PI; Vingren,	J., Co-PI; Mcfa	rlin, B., P	I; Kinesiology,	Health Promotic	on, & Recreation
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$113,905	3.5%	\$3,986.66
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	, Co-PI; Nite, K., Co-PI; Olson, R.,	Co-PI; Vingren	, J., Co-P	I; Kinesiology,	Health Promotic	on, & Recreation
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$60,992	3.5%	\$2,134.72
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B.	PI; Nite, K., Co-	PI; Olson, R., Co-PI; Vingren, J.,	Co-PI; Kinesiolo	gy, Healt	h Promotion, &	Recreation	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$17,910	3.5%	\$626.86
-	B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Biological Sc gy, Health Promotion, & Recreation	iences; Mcfarlin,	B., PI; Olson, R., Co-PI; Nite, K.,	Co-PI; Vingren,	J., Co-PI,	; Bowman, E., (Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$56,012	3.5%	\$1,960.41
	B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Biological Sc gy, Health Promotion, & Recreation	iences; Mcfarlin,	B., PI; Olson, R., Co-PI; Vingren,	J., Co-PI; Bown	an, E., C	o-PI; Nite, K., (Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$21,860	3.5%	\$765.09
Mcfarlin,	B., PI; Biological Sciences; Bowman, E., Co-PI; Mcfarlin, B	., PI; Kinesiology	v, Health Promotion, & Recreation					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$5,286	7.5%	\$396.48
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Bowman, E., C	o-PI; Kinesiology	y, Health Promotion, & Recreation					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$16,597	7.5%	\$1,244.77
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, H	ealth Promotion,	& Recreation					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$4,648	7.5%	\$348.58
	Totals for	Mcfarlin,Brian K	eith					\$34,444.99
	y,Roisin Carrie R., Co-PI; Ayre, B., PI; Biological Sciences							
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Priva	te Co-PI	\$15,090	50%	\$7,545.09

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	-	Recognition %	Recognition Amount
McGarry, I	R., Co-PI; Ayre, B., PI; Biological Sciences						
	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Private Co-PI	\$28,128	50%	\$14,063.96
	Totals for	McGarry,Roisin C	Carrie				\$21,609.05
Mittler,R <i>Mittler, R.,</i>	on PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Azad, R., Co-PI;	Biological Science	s; Azad, R., Co-PI; Azad, R., Co-PI; M	athematics			
	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Federal PI	-\$90	42%	(\$37.81)
Mittler, R.,	PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biological Science	es; Azad, R., Co-P	I; Mathematics				
	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Federal PI	\$550	42%	\$230.85
Mittler, R.,	PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI,	Mathematics					
	NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Federal PI	\$53	80%	\$42.65
	Totals for	Mittler,Ron					\$235.68
Padilla,Pa Padilla, P.,	amela A , PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI	; Mathematics					
	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal PI	\$63,177	60%	\$37,906.27
Padilla, P.,	, PI; Biological Sciences; Azad, R., Co-PI; Mathematics						
	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal PI	\$36,064	60%	\$21,638.32
Padilla, P.,	, Co-PI; Hughes, L., PI; Biological Sciences						
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Federal Co-PI	\$42,296	33.33%	\$14,097.31
Padilla, P.,	, Co-PI; Burggren, W., PI; Biological Sciences						
	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	National Science Foundation	Federal Co-PI	\$83,830	40%	\$33,532.10
	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Federal PI	\$131,013	100%	\$131,013.24
	Totals for	Padilla,Pamela A					\$238,187.24
-	Aaron Patrick , PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Mager,	E., Co-PI; Biologic	cal Sciences				
	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medic	ine Private PI	\$358,528	25%	\$89,631.98
Roberts, A.,	, PI; Mager, E., Co-PI; Crossley II, D., Co-PI; Burggren,	W., Co-PI; Biologi	cal Sciences				
	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medic	ine Private PI	\$77,275	25%	\$19,318.86

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Roberts, 2	A., Co-PI; Burggren, W., PI; Crossley II, D., Co-PI; Biologic	al Sciences						
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medic	ine Priva	te Co-PI	-\$3,045	33%	(\$1,004.73)
Roberts, A	4., Co-PI; Crossley II, D., Co-PI; Burggren, W., PI; Biologic	al Sciences						
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medic	ine Priva	te Co-PI	-\$1,085	33%	(\$358.08)
	Totals for	Roberts, Aaron Pat	trick					\$107,588.03
Shah,Jy	oti							
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Feder	ral PI	\$53,831	100%	\$53,831.39
	Totals for	Shah,Jyoti						\$53,831.39
	,Vladimir V., Co-PI; Azad, R., Co-PI; Mittler, R., PI; Biological Science	es; Azad, R., Co-P.	I; Mathematics					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Feder	ral Co-PI	\$284	29%	\$82.41
Shulaev,	V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Azad, R., Co-PI; I	Biological Sciences	s; Azad, R., Co-PI; Azad, R., Co-PI; M	athematics				
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Feder	ral Co-PI	-\$90	29%	(\$26.11)
Shulaev,	V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biological Science	es; Azad, R., Co-P.	I; Mathematics					
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	National Science Foundation	Feder	ral Co-PI	\$265	29%	\$76.99
	Totals for	Shulaev,Vladimir						\$133.29
Thomps	on,Ruthanne							
GP40013	Dallas Environmental Education Initiative	Research	City of Dallas	Priva	te PI	\$172,689	100%	\$172,689.24
GP7624	The Dallas Environmental Education Initiative	Instruction	City of Dallas	Priva	te PI	\$391,658	100%	\$391,658.16
	Totals for	Thompson,Ruthan	nne					\$564,347.40
Venable	s,Barney J							
GF40089	Alligator Gar Maternal/Egg Contaminant Analyses	Research	Texas Parks and Wildlife Department	Feder	ral PI	\$16,500	100%	\$16,499.84
	Totals for	Venables,Barney J	ſ					\$16,499.84
Verbeck I	s IV,Guido Fridolin V, G., OTHER; Biological Sciences; Banerjee, R., Co-PI; Da ; Young, M., Co-PI; Voevodin, A., OTHER; Mishra, R.	thotre, N., Co-PI;	Du, J., Co-PI; Mukherjee, S., Co-PI; R	eidy III, R.,	Co-PI; S	charf, T., Co-Pl	; Srivilliputhur,	S., Co-PI; Xia,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$100,194	1.2%	\$1,202.32
								010. D 00 -£116

Project ID	Title	Category	C	Funding Source		Expended This Period	Recognition %	Recognition Amount
	V, G., OTHER; Biological Sciences; Mishra, R., PI; Voevodin ivilliputhur, S., Co-PI; Xia, Z., Co-PI; Young, M., C	, A., OTHER; Bo	anerjee, R., Co-PI; Dahotre, N., Co-PI; I	Du, J., Со-1	PI; Mukh	erjee, S., Co-Pi	I; Reidy III, R., (Co-PI; Scharf, T.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$536,127	1.2%	\$6,433.53
	V, G., OTHER; Biological Sciences; Mishra, R., PI; Voevodin Scharf, T., Co-PI; Xia, Z., Co-PI; Banerjee, R., Co-	, A., OTHER; R	eidy III, R., Co-PI; Srivilliputhur, S., Co-	PI; Xia, Z.,	, Co-PI; I	Dahotre, N., Co	o-PI; Du, J., Co-	PI; Mukherjee,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$112,742	1.2%	\$1,352.91
	V, G., OTHER; Biological Sciences; Mishra, R., PI; Voevodin nnerjee, R., Co-PI; Reidy III, R., Co-PI; Dahotre, N., C	, A., OTHER; Yo	oung, M., Co-PI; Srivilliputhur, S., Co-P.	I; Mukherjo	ee, S., Co	-PI; Scharf, T.,	Co-PI; Xia, Z.,	Co-PI; Du, J.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$87,676	1.2%	\$1,052.11
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00034	Opioid Breathalyzer Proof-of-Concept and Instrument Development	Research	InspectIR Systems, LLC	Priva	te PI	\$3,412	30%	\$1,023.58
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NexGen Aquaculture Vancouver Island	Inc. Priva	te PI	\$7,425	30%	\$2,227.50
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NextGen Aquaculture Vancouver Island Inc.	Privat	te PI	\$19,907	30%	\$5,972.11
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00038	Characterize Peptides and Material for Novel Foam Construct	Research	United Results Capital Group Inc.	Priva	te PI	\$36,252	30%	\$10,875.59
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00039	LaCore - To Create Rapid Methods for Supplement Evaluation and Screening.	Research	LaCore Labs, Inc.	Privat	te PI	\$37,404	30%	\$11,221.30
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Priva	te PI	\$34,901	30%	\$10,470.23
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry							
GP00045	Development of Two (2) Portable Breathalyzers for the Detection of Opioids	Research	InspectIR Systems, LLC	Priva	te PI	\$112,914	30%	\$33,874.17
	Totals for	Verbeck IV,Guid	o Fridolin					\$85,705.34
	Jakob Langberg I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., .	PI; Vingren, J.,	Co-PI; Kinesiology, Health Promotion, c	& Recreatio	on			
GP00012	Treatment with AyuFlex(R): Potential to Modulate Inflammation and Reduce Muscle Recovery Time following Injury	Research	Natreon Inc.	Priva	te Co-PI	\$14,096	4%	\$563.84

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Kinesio	logy, Health Pi	romotion,	& Recreation		
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	ite Co-PI	\$5,187	4%	\$207.49
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Vingren, J., O	Co-PI; Kinesiology, Health Promoti	ion, & Recreati	on			
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	ite Co-PI	\$3,515	5 4%	\$140.61
Vingren, J Recreation	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sci 1	ences; Mcfarlin, I	B., PI; Vingren, J., Co-PI; Bowman	, E., Co-PI; Vii	ıgren, J.,	Co-PI; Kinesio	logy, Health Pro	omotion, &
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	ite Co-PI	\$2,489	0.4%	\$9.96
Vingren, J Recreation	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sci 1	ences; Mcfarlin, I	B., PI; Vingren, J., Co-PI; Bowman,	, E., Co-PI; Vii	ngren, J.,	Co-PI; Kinesio	logy, Health Pro	omotion, &
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Priva	ite Co-PI	\$2,489	3.6%	\$89.61
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Kinesio	logy, Health Pi	romotion,	& Recreation		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	ite Co-PI	\$1,125	5 4%	\$45.02
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Vingren, J.,	Co-PI; Bowman, E., Co-PI; Kinesio	logy, Health Pi	romotion,	& Recreation		
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	ite Co-PI	\$1,915	5 4%	\$76.59
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Vingren, J., 0	Co-PI; Kinesiology, Health Promoti	ion, & Recreati	on			
GP00025	Is Recovery from an Intensified Exercise Protocol Accelerated when Supplemented with a Probiotic + Lecithin? A Pilot Study	Research	Imagilin Technology	Priva	ite Co-PI	\$2,704	4%	\$108.17
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Bowman, E.,	Co-PI; Olson, R.	, Co-PI; Vingren, J., Co-PI; Mcfarl	lin, B., PI; Kine	siology, l	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ite Co-PI	\$85,502	2 1.5%	\$1,282.53
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Olson, R., Co-PI; Vingren,	J., Co-PI; Kine	siology, 1	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research	Physicians Exclusive, LLC	Priva	ite Co-PI	\$96,236	1.5%	\$1,443.54
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Olson, I	R., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ite Co-PI	\$320	1.5%	\$4.80
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Olson, R., Co	o-PI; Bowman, E., Co-PI; Vingren,	J., Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ite Co-PI	\$484	1.5%	\$7.26
Vingren, J	., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.,	PI; Olson, R., Co	o-PI; Vingren, J., Co-PI; Kinesiolog	y, Health Pron	notion, &	Recreation		
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ite Co-PI	\$465	1.5%	\$6.97

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, E	3., PI; Vingren, J., (Co-PI; Olson, R., Co-PI; Bowman,	E., Co-PI; Kine	esiology, I	Health Promoti	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	ate Co-PI	\$274	1.5%	\$4.11
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, E	B., PI; Hill, D., Co-I	PI; Vingren, J., Co-PI; Kinesiology	v, Health Promo	otion, & R	ecreation		
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	-\$687	7 3%	(\$20.62)
	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological S n, & Recreation	ciences; Mcfarlin, I	B., PI; Hill, D., Co-PI; Vingren, J.,	, Co-PI; Bowma	ın, E., Co-	-PI; Vingren, J.	, Co-PI; Kinesio	logy, Health
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	\$13,874	4 0.3%	\$41.62
_	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological S n, & Recreation	ciences; Mcfarlin, I	B., PI; Hill, D., Co-PI; Vingren, J.,	, Co-PI; Bowma	n, E., Co-	-PI; Vingren, J.	, Co-PI; Kinesio	logy, Health
GP00028	Does SabeetTM Supplementation Improve Cardiovascular Performance Under Hypoxic Conditions?	Research	Sabinsa Corporation	Priva	ate Co-PI	\$13,874	2.7%	\$374.60
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, E	B., PI; Vingren, J., (Co-PI; Kinesiology, Health Promo	tion, & Recreati	on			
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Priva	ate Co-PI	\$2,916	5 4%	\$116.62
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Bowman, E	C., Co-PI; Nite, K.,	Co-PI; Olson, R., Co-PI; Vingren,	J., Co-PI; Mcfa	rlin, B., F	PI; Kinesiology,	Health Promoti	on, & Recreation
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$113,905	5 3.5%	\$3,986.66
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, E	B., PI; Bowman, E.,	Co-PI; Nite, K., Co-PI; Olson, R.,	Co-PI; Vingrei	ı, J., Co-F	PI; Kinesiology,	Health Promoti	on, & Recreation
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	ate Co-PI	\$60,992	2 3.5%	\$2,134.72
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, E	B., PI; Nite, K., Co-	PI; Olson, R., Co-PI; Vingren, J., 0	Co-PI; Kinesiol	ogy, Heal	th Promotion, c	& Recreation	
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	ate Co-PI	\$17,910	3.5%	\$626.86
-	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological S gy, Health Promotion, & Recreation	ciences; Mcfarlin, I	B., PI; Olson, R., Co-PI; Nite, K.,	Co-PI; Vingren,	J., Co-Pl	; Bowman, E.,	Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$56,012	2 3.15%	\$1,764.36
-	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological S gy, Health Promotion, & Recreation	ciences; Mcfarlin, I	B., PI; Olson, R., Co-PI; Nite, K.,	Co-PI; Vingren,	J., Co-Pl	; Bowman, E.,	Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	nte Co-PI	\$56,012	2 0.35%	\$196.04

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	J., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological gy, Health Promotion, & Recreation	Sciences; Mcfarlin, B.	, PI; Olson, R., Co-PI; Vingren, J., C	Co-PI; Bowm	an, E., C	o-PI; Nite, K.,	Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	, Research	Kyowa Hakko Bio Co., Ltd.	Privat	te Co-PI	\$21,860	3.15%	\$688.58
	J., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological gy, Health Promotion, & Recreation	Sciences; Mcfarlin, B.	, PI; Olson, R., Co-PI; Vingren, J., C	Co-PI; Bowm	an, E., C	o-PI; Nite, K.,	Co-PI; Vingren,	J., Co-PI;
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	, Research	Kyowa Hakko Bio Co., Ltd.	Privat	te Co-PI	\$21,860	0.35%	\$76.51
	Totals fo	r Vingren,Jakob Lan	gberg					\$13,976.47
	iaoqiang PI; Longo, A., Co-PI; Biological Sciences							
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	National Institutes of Health	Feder	al PI	\$120,577	80%	\$96,461.90
	Totals fo	r Wang,Xiaoqiang						\$96,461.90
	Totals fo	r Biological Sciences						\$4,805,305.09
Chemisti	ry							
Bagus,P	aul S							
GF2706	Molecular Mechanisms of Interfacial Reactivity in Near Surface and Extreme Geochemical Environments - Core Level Spectroscoples	e Research	Pacific Northwest National Laborator	y Feder	al PI	\$17,808	3 100%	\$17,808.10
GF40103	Fundamental Mechanisms of Reactivity at Complex Geochemic Interfaces	cal Research	Pacific Northwest National Laborator	y Feder	al PI	\$28,143	100%	\$28,142.54
	Totals fo	r Bagus,Paul S						\$45,950.64
	orno Nardelli,Marco no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M.,	PI; Physics						
GF40082	AFRL Collaboration Program - Materials and Manufacturing Research	Research	Clarkson Aerospace Corp	Feder	al PI	\$22,775	20%	\$4,554.99
Buongiori	no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M.,	PI; Physics						
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materi and Molecular Properties	als Research	University of Southern California	Feder	al PI	\$36,250	20%	\$7,250.07
Buongiori	no Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M.,	PI; Physics						
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	s Research	Duke University	Feder	al PI	\$358,241	20%	\$71,648.21
	Totals fo	r Buongiorno Nardell	li,Marco					\$83,453.26
Chyan,C	Oliver M R							
GP00023	Protection of Aluminum Oxide and Cobalt Microstructures in	Research	JSR Micro, Inc.	Privat	te PI	\$1,724	100%	\$1,723.72

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GP20051	Novel Chemical Approaches to Enhance Etch Anisotropy	Research	Semiconductor Research Corporation	Privat	e PI	\$36,802	100%	\$36,801.68
	Totals for	Chyan,Oliver M R						\$38,525.40
Chyan,C	Oliver M R							
GP20051	Novel Chemical Approaches to Enhance Etch Anisotropy	Research	Semiconductor Research Corporation	Privat	e PI	\$53,688	100%	\$53,687.69
	Totals for	Chyan,Oliver M R						\$53,687.69
Cisneros	s,Gerardo Andres							
GF00002	Theory and Simulation of DNA Repair Enzymes; Mechanism, Structure and Function	Research	National Institutes of Health	Federa	al PI	\$443,006	100%	\$443,005.83
GF50001	The Mechanism and Modulation of 5-Methylcytosine Oxidation by TET Family Enzymes	Research	University of Pennsylvania	Federa	al PI	\$17,169	100%	\$17,169.06
	Totals for	Cisneros,Gerardo Ai	ndres					\$460,174.89
	,Thomas Richard T., Co-PI; Wilson, A., PI; Chemistry							
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research	U.S. Department of Energy	Federa	al Co-PI	\$7,622	50%	\$3,810.84
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	U.S. Department of Energy	Federa	al PI	\$88,196	100%	\$88,195.50
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	National Science Foundation	Federa	al PI	\$80,714	100%	\$80,714.45
GP00032	Analysis of Counterion Effects in Catalysis	Research	Exxon Mobil	Privat	e PI	\$43,546	100%	\$43,546.24
GP00037	Computational Chemistry Research for Novel Anti-Inflammatory Medicines	Research	Reata Pharmaceuticals	Privat	e PI	\$26,589	100%	\$26,588.70
GP20020	Activation of Light Alkanes by Earth-Abundant Metal-Oxo Catalysts	Research	American Chemical Society	Privat	e PI	\$61,312	100%	\$61,312.47
GP20075	Hydridic Activation of Light Alkanes	Research	Robert A. Welch Foundation	Privat	e PI	\$6,070	100%	\$6,069.53
	Totals for	Cundari,Thomas Ric	chard					\$310,237.73
D'souza , <i>D'souza</i> , <i>D</i>	Francis F., PI; Chemistry; D'souza, F., PI; Materials Science & Eng	ineering						
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	National Science Foundation	Federa	al PI	\$2,189	80%	\$1,751.17

Project ID	Title	Category	Sponsor		PI / Co-PI	-	Recognition %	Recognition Amount
D'souza, I	F., Co-PI; Wang, H., PI; Chemistry; D'souza, F., Co-PI; Ma	terials Science & E	Ingineering					
GF70013	Extended Porphyrins: Functionalization and Applications in DSS	C Research	U.S. Department of Energy	Feder	al Co-PI	\$141,592	32%	\$45,309.36
	Totals for	D'souza,Francis						\$47,060.53
Kelber,J	Jeffry A							
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research	Defense Threat Reduction Agency	Feder	al PI	\$83,010	100%	\$83,009.74
	Totals for	Kelber,Jeffry A						\$83,009.74
	Sreekar Babu , PI; Omary, M., Co-PI; Chemistry							
GF40032	Advanced Gas Sensing Technology for Space Suits	Research	Intelligent Optical Systems, Inc.	Feder	al PI	\$55	50%	\$27.69
	Totals for	Marpu,Sreekar Ba	bu					\$27.69
	Mohammad A f., Co-PI; Marpu, S., PI; Chemistry							
GF40032	Advanced Gas Sensing Technology for Space Suits	Research	Intelligent Optical Systems, Inc.	Feder	al Co-PI	\$55	50%	\$27.69
Omary, M	f., OPI; Slaughter III, L., Co-PI; Chemistry; Du, J., Co-PI;	Materials Science &	Engineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	al Co-PI	\$42,424	60%	\$25,454.63
Omary, M	f., OPI; Slaughter III, L., PI; Chemistry; Du, J., Co-PI; Mate	erials Science & En	gineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	al Co-PI	\$17,727	60%	\$10,636.15
Omary, M	f., PI; Slaughter III, L., Co-PI; Chemistry; Du, J., Co-PI; M	aterials Science & I	Engineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	al PI	\$101,880	60%	\$61,128.23
Omary, M	I., OPI; Slaughter III, L., PI; Chemistry							
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Privat	e Co-PI	\$13,286	100%	\$13,285.82
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Privat	e PI	\$40,493	100%	\$40,492.56
	Totals for	Omary,Mohamma	d A					\$151,025.08
Richmor	nd,Michael George							
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Privat	e PI	\$67,338	100%	\$67,338.21
	Totals for	Richmond, Michael	l George					\$67,338.21
Slaughte	er III,Legrande Mancel							
GF1721	REU Site: Undergraduate Research Opportunities at the Interface of Computational and Experimental Chemistry at the University of North Texas	Research	National Science Foundation	Feder	al PI	-\$1,619	100%	(\$1,618.92)

Project ID	Title	Category	Sponsor	Funding PI Source Co		xpended nis Period	Recognition %	Recognition Amount
Slaughter	· III, L., PI; Wang, H., Co-PI; Chemistry							
GF30049	REU Site: Team-Mentored Interdisciplinary Research Experiences in Chemistry for Early-Stage Undergraduates	Research	National Science Foundation	Federal	PI	\$88,237	60%	\$52,942.37
Slaughter	· III, L., Co-PI; Omary, M., OPI; Chemistry; Du, J., Co-PI;	Materials Science &	& Engineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal (Co-PI	\$42,424	20%	\$8,484.88
Slaughter	· III, L., Co-PI; Omary, M., PI; Chemistry; Du, J., Co-PI; M	Iaterials Science & I	Engineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal (Co-PI	\$101,880	20%	\$20,376.08
Slaughter	· III, L., PI; Chemistry; Du, J., Co-PI; Materials Science &	Engineering						
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal	PI	\$72,522	80%	\$58,017.58
Slaughter	III, L., PI; Omary, M., OPI; Chemistry; Du, J., Co-PI; Ma	terials Science & En	ngineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal	PI	\$17,727	20%	\$3,545.38
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	PI	\$29,375	100%	\$29,374.70
Slaughter	· III, L., PI; Omary, M., OPI; Chemistry							
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	PI	\$13,286	0%	\$0.00
	Totals for	Slaughter III,Legr	ande Mancel					\$171,122.07
Verbeck I	x IV,Guido Fridolin V, G., OTHER; Xia, Z., Co-PI; Chemistry; Banerjee, R., Co o-PI; Young, M., Co-PI; Voevodin, A., OTHER; Mish	o-PI; Dahotre, N., C	o-PI; Du, J., Co-PI; Mukherjee, S.,	Co-PI; Reidy III, F	R., <i>Co-PI;</i>	Scharf, T.,	Co-PI; Srivillipi	uthur, S., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal (Co-PI	\$100,194	2.8%	\$2,805.42
	V, G., OTHER; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; , Co-PI; Srivilliputhur, S., Co-PI; Xia, Z., Co-PI; Young,	Voevodin, A., OTHE	ER; Banerjee, R., Co-PI; Dahotre, N	N., Co-PI; Du, J., Co	o-PI; Mui	kherjee, S., (Co-PI; Reidy III	, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal (Co-PI	\$536,127	2.8%	\$15,011.56
	V, G., OTHER; Xia, Z., Co-PI; Xia, Z., Co-PI; Chemistry; Jukherjee, S., Co-PI; Scharf, T., Co-PI; Xia, Z., Co	Mishra, R., PI; Voev	vodin, A., OTHER; Reidy III, R., Co	-PI; Srivilliputhur,	S., Co-PI	I; Xia, Z., Co	o-PI; Dahotre, N	V., Co-PI; Du, J.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal (Co-PI	\$112,742	2.8%	\$3,156.79

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
	V, G., OTHER; Xia, Z., Co-PI; Xia, Z., Co-PI; Chemistry; M o-PI; Du, J., Co-PI; Banerjee, R., Co-PI; Reidy III, R.,	fishra, R., PI; Voevod	din, A., OTHER; Young, M., Co-PI; S	rivilliputhu	r, S., Co	PI; Mukherjee,	S., Co-PI; Schar	f, T., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	2.8%	\$2,454.93
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	r.s						
GP00034	Opioid Breathalyzer Proof-of-Concept and Instrument Development	Research	InspectIR Systems, LLC	Priva	te PI	\$3,412	70%	\$2,388.36
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	S						
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NexGen Aquaculture Vancouver Island	Inc. Priva	te PI	\$7,425	70%	\$5,197.50
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	r.s						
GP00036	Characterize Peptides and Material for Novel Foam Construct	Research	NextGen Aquaculture Vancouver Island Inc.	d Priva	te PI	\$19,907	70%	\$13,934.91
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	es.						
GP00038	Characterize Peptides and Material for Novel Foam Construct	Research	United Results Capital Group Inc.	Priva	te PI	\$36,252	70%	\$25,376.37
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	es.						
GP00039	LaCore - To Create Rapid Methods for Supplement Evaluation and Screening.	Research	LaCore Labs, Inc.	Priva	te PI	\$37,404	70%	\$26,183.04
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	S						
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Priva	te PI	\$34,901	70%	\$24,430.53
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	es.						
GP00045	Development of Two (2) Portable Breathalyzers for the Detection of Opioids	Research	InspectIR Systems, LLC	Priva	te PI	\$112,914	70%	\$79,039.73
	Totals for	Verbeck IV,Guido F	ridolin					\$199,979.14
Wang,H Wang, H.,	ong Co-PI; Slaughter III, L., PI; Chemistry							
GF30049	REU Site: Team-Mentored Interdisciplinary Research Experiences in Chemistry for Early-Stage Undergraduates	Research	National Science Foundation	Fede	ral Co-PI	\$88,237	40%	\$35,294.91
Wang, H.,	PI; D'souza, F., Co-PI; Chemistry; D'souza, F., Co-PI; Ma	terials Science & Eng	gineering					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSO	C Research	U.S. Department of Energy	Fede	ral PI	\$141,592	60%	\$84,955.06
	Totals for	Wang,Hong						\$120,249.97
	Angela Kay ., PI; Cundari, T., Co-PI; Chemistry							
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research	U.S. Department of Energy	Fede	ral PI	\$7,622	50%	\$3,810.84
	Totals for	Wilson,Angela Kay						\$3,810.84
Xia,Zhe	nhai							

Project ID	Title	Category	Sponsor	Funding Source		Expended 1 This Period	Recognition %	Recognition Amount
Xia, Z., Pl	; Chemistry; Xia, Z., PI; Materials Science & Engineering							
GF1684	Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production	Research	National Science Foundation	Federa	l PI	\$58,131	20%	\$11,626.22
Xia, Z., Co	o-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-PI; Material	s Science & Engi	neering					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Federa	l Co-PI	\$119,283	2%	\$2,385.66
Xia, Z., Co	o-PI; Chemistry; Xia, Z., Co-PI; Mukherjee, S., PI; Material	s Science & Engi	neering					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Federa	l Co-PI	\$27,204	2%	\$544.08
Xia, Z., Pl	; Chemistry; Xia, Z., PI; Materials Science & Engineering							
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federa	l PI	\$37,346	20%	\$7,469.13
Xia, Z., Co	o-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-PI; Material	s Science & Engi	neering					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federa	l Co-PI	\$43,639	4%	\$1,745.58
Xia, Z., Co	o-PI; Chemistry; Xia, Z., Co-PI; Mukherjee, S., PI; Material	s Science & Engi	neering					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federa	l Co-PI	\$1,522	4%	\$60.88
Xia, Z., Co	o-PI; Chemistry; Banerjee, R., Co-PI; Mukherjee, S., Co-PI;	Reidy III, R., Co	-PI; Scharf, T., Co-PI; Xia, Z., Co-PI	I; Young, M., Co	o-PI; Mi	shra, R., PI; Mat	terials Science	& Engineering
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Federa	l Co-PI	\$2,748	2%	\$54.97
Xia, Z., Co	o-PI; Chemistry; Mishra, R., PI; Banerjee, R., Co-PI; Mukho	erjee, S., Co-PI; I	Reidy III, R., Co-PI; Scharf, T., Co-P.	I; Xia, Z., Co-P.	; Young	, M., Co-PI; Mat	terials Science	& Engineering
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Federa	l Co-PI	\$1,317,599	2%	\$26,351.98
	o-PI; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Xia, Z., Co- Science & Engineering	PI; Banerjee, R.,	Co-PI; Xia, Z., Co-PI; Young, M., Co	o-PI; Scharf, T.,	Co-PI;	Mukherjee, S., C	Co-PI; Reidy III	, R., Co-PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Federa	l Co-PI	-\$760	1.6%	(\$12.16)
	o-PI; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Xia, Z., Co- Science & Engineering	PI; Banerjee, R.,	Co-PI; Xia, Z., Co-PI; Young, M., Co	o-PI; Scharf, T.,	Co-PI;	Mukherjee, S., C	Co-PI; Reidy III	, R., Co-PI;
GF40018	Technical Proposal for Advanced Ballistics Technology Materials Development, Characterization and Computational Modeling Activities	Research	Temple University - Of The Commonwealth System of Higher Education	Federa	l Co-PI	-\$760	0.4%	(\$3.04)
	o-PI; Chemistry; Banerjee, R., Co-PI; Dahotre, N., Co-PI; L ; Mishra, R., PI; Materials Science & Engineering	Du, J., Co-PI; Mu	kherjee, S., Co-PI; Reidy III, R., Co-I	PI; Scharf, T., C	o-PI; Sr	ivilliputhur, S., (Co-PI; Xia, Z.,	Co-PI; Young,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federa	l Co-PI	\$91,094	1.6%	\$1,457.50

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	o-PI; Chemistry; Mishra, R., PI; Banerjee, R., Co-PI; Daho oung, M., Co-PI; Materials Science & Engineering	tre, N., Co-PI; Du,	J., Co-PI; Mukherjee, S., Co-PI; Ro	eidy III, R., Co	-PI; Scha	rf, T., Co-PI; Si	rivilliputhur, S.,	Co-PI; Xia, Z.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$247,203	1.6%	\$3,955.25
	o-PI; Verbeck IV, G., Co-PI; Chemistry; Mishra, R., PI; Barthur, S., Co-PI; Voevodin, A., Co-PI; Xia, Z., Co-PI; Young,	nerjee, R., Co-PI; L	Dahotre, N., Co-PI; Du, J., Co-PI; N	Mukherjee, S.,	Co-PI; Re	eidy III, R., Co-	PI; Scharf, T., C	o-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$84,208	1.6%	\$1,347.33
	o-PI; Verbeck IV, G., OTHER; Chemistry; Banerjee, R., Co- o-PI; Young, M., Co-PI; Voevodin, A., OTHER; Mish	-PI; Dahotre, N., C	o-PI; Du, J., Co-PI; Mukherjee, S.,	Co-PI; Reidy	III, R., Ca	o-PI; Scharf, T.,	Co-PI; Srivillip	uthur, S., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$100,194	1.6%	\$1,603.10
	o-PI; Verbeck IV, G., OTHER; Chemistry; Mishra, R., PI; V , Co-PI; Srivilliputhur, S., Co-PI; Xia, Z., Co-PI; Young,	oevodin, A., OTHE	R; Banerjee, R., Co-PI; Dahotre, N	V., Co-PI; Du, .	J., Co - PI;	Mukherjee, S.,	Co-PI; Reidy II.	I, R., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$536,127	1.6%	\$8,578.03
	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Chemistry; M ukherjee, S., Co-PI; Scharf, T., Co-PI; Xia, Z., Co	Iishra, R., PI; Voev	odin, A., OTHER; Reidy III, R., Co	-PI; Srivilliput	hur, S., C	o-PI; Xia, Z., C	o-PI; Dahotre, I	N., Co-PI; Du, J.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	0.32%	\$360.78
	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Chemistry; M ukherjee, S., Co-PI; Scharf, T., Co-PI; Xia, Z., Co	Iishra, R., PI; Voev	odin, A., OTHER; Reidy III, R., Co	-PI; Srivilliput	hur, S., C	o-PI; Xia, Z., C	o-PI; Dahotre, I	N., Co-PI; Du, J.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$112,742	1.28%	\$1,443.10
	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Chemistry; M o-PI; Du, J., Co-PI; Banerjee, R., Co-PI; Reidy III, R.,	Iishra, R., PI; Voev	odin, A., OTHER; Young, M., Co-F	PI; Srivilliputhi	ır, S., Co-	·PI; Mukherjee,	S., Co-PI; Scha	rf, T., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	0.32%	\$280.56
	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Chemistry; M o-PI; Du, J., Co-PI; Banerjee, R., Co-PI; Reidy III, R.,	Iishra, R., PI; Voev	odin, A., OTHER; Young, M., Co-F	PI; Srivilliputhi	ır, S., Co-	·PI; Mukherjee,	S., Co-PI; Scha	rf, T., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	1.28%	\$1,122.25

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	o-PI; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Young, M e, S., Co-PI; Reidy III, R., Co-PI; Xia, Z., Co-PI;	I., Co-PI; Scharf, T.,	Co-PI; Du, J., Co-PI; Xia, Z., Co-PI;	Dahotre, N.,	Co-PI; I	Banerjee, R., Co	o-PI; Srivilliputh	ur, S., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research for	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	3 0.32%	\$527.23
	o-PI; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Young, M e, S., Co-PI; Reidy III, R., Co-PI; Xia, Z., Co-PI;	M., Co-PI; Scharf, T.,	Co-PI; Du, J., Co-PI; Xia, Z., Co-PI;	Dahotre, N.,	Co-PI; I	Banerjee, R., Co	o-PI; Srivilliputh	ur, S., Co-PI;
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems Enhanced Dynamic Performance	Research for	US Army Research Laboratory	Fede	ral Co-PI	\$164,758	3 1.28%	\$2,108.90
	Totals fo	or Xia,Zhenhai						\$73,007.33
	Totals fo	or Chemistry						\$1,908,660.20
COS - S	tudent Services							
Beck.De	ebrah Ann							
GS00021	Joint Admission Medical Program 2018-19	Public Service	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State	PI	\$13,477	7 100%	\$13,477.34
GS80009	Joint Admission Medical Program Special Project 2019	Public Service	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State	PI	\$11,672	2 100%	\$11,671.71
	Totals fo	or Beck,Debrah Ann						\$25,149.05
	Totals fo	or COS - Student Ser	vices					\$25,149.05
Institute	for Applied Sciences							
	II,Martin Joseph , M., Co-PI; Institute for Applied Sciences; Mikler, A., PI;	Ramisetty-Mikler, S.	, Co-PI; Computer Science & Enginee	ering; Tiwar	i, C., Co	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Fede	ral Co-PI	\$72,132	2 25%	\$18,033.03
O'Neill II	, M., Co-PI; Institute for Applied Sciences; Ramisetty-Mik	tler, S., Co-PI; Mikler	r, A., PI; Computer Science & Enginee	ering; Tiwari	i, C., Co-	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Fede	ral Co-PI	\$15,633	3 25%	\$3,908.30
O'Neill II	, M., PI; Institute for Applied Sciences; Mikler, A., Co-PI,	Computer Science &	Engineering					
GF40069	Los Angeles County Department of Public Health Emergency Preparedness and Response Program	Public Service	Los Angeles County	Fede	ral PI	\$24,955	50%	\$12,477.43
O'Neill II	, M., Co-PI; Institute for Applied Sciences; Mikler, A., PI;	Computer Science &	E Engineering					
GF40080	Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribut of Medical Counter Measures From Regional RSS Sites to POI in Texas DSHS Region 6/5S		Texas Department of State Health Ser	vice Fede	ral Co-PI	\$224,506	50%	\$112,252.86
O'Neill II	, M., PI; Institute for Applied Sciences; Mikler, A., Co-PI,	Computer Science &	Engineering					
GF40102	Providing RE-PLAN to Support Response Planning for Los Angeles County, California	Public Service	Los Angeles County	Fede	ral PI	\$233,504	50%	\$116,751.85
Office	f Grants and Contracts Administration University of	f North Toyog				Annual Fr	menditures FY201	9. Page 101 of 110

ID	Title		Category	Sponsor	Source	Co-PI	This Period	% %	Amount
		Totals for	O'Neill II,Martin	Joseph					\$263,423.47
		Totals for	Institute for Appli	ied Sciences					\$263,423.47
Mathem	natics								
Azad,R	ajeev Kumar								
Azad, R.,	Co-PI; Mathematics; Padilla, P., PI; Azad, R., C	o-PI; Biolo	gical Sciences						
GF00001	Molecular Consequences of Glucose Diet and Altered Species Impacting Oxygen Deprivation Responses	d Ceramide	Research	National Institutes of Health	Federa	l Co-PI	\$63,177	16%	\$10,108.34
Azad, R.,	Co-PI; Mathematics; Padilla, P., PI; Biological	Sciences							
GF00001	Molecular Consequences of Glucose Diet and Altered Species Impacting Oxygen Deprivation Responses	d Ceramide	Research	National Institutes of Health	Federa	l Co-PI	\$36,064	40%	\$14,425.54
Azad, R.,	Co-PI; Mathematics; Azad, R., Co-PI; Jagadees	waran, P., I	PI; Biological Scie	nces					
GF00011	Zebrafish Thrombopoiesis		Research	National Institutes of Health	Federa	ıl Co-PI	\$5,261	4%	\$210.45
Azad, R.,	Co-PI; Mathematics; Jagadeeswaran, P., PI; Aza	ad, R., Co-	PI; Biological Scie	nces					
GF00011	Zebrafish Thrombopoiesis		Research	National Institutes of Health	Federa	ıl Co-PI	\$91,518	4%	\$3,660.72
Azad, R.,	Co-PI; Azad, R., Co-PI; Mathematics; Mittler, R	., PI; Azad,	R., Co-PI; Shulae	v, V., Co-PI; Azad, R., Co-PI; Biolog	gical Sciences				
GF1681	Ultrafast Omics Reveals Key Players in the Response Abiotic Stress	e of Plants to	Research	National Science Foundation	Federa	ıl Co-PI	-\$90	4.64%	(\$4.18)
Azad, R.,	Co-PI; Azad, R., Co-PI; Mathematics; Mittler, R	., PI; Azad,	R., Co-PI; Shulae	v, V., Co-PI; Azad, R., Co-PI; Biolog	gical Sciences				
GF1681	Ultrafast Omics Reveals Key Players in the Response Abiotic Stress	e of Plants to	Research	National Science Foundation	Federa	l Co-PI	-\$90	6.96%	(\$6.27)
Azad, R.,	Co-PI; Mathematics; Azad, R., Co-PI; Shulaev, V	V., Co-PI; 1	Mittler, R., PI; Biol	logical Sciences					
GF1681	Ultrafast Omics Reveals Key Players in the Response Abiotic Stress	of Plants to	Research	National Science Foundation	Federa	l Co-PI	\$284	11.6%	\$32.96
Azad, R.,	Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co	o-PI; Shula	ev, V., Co-PI; Biol	logical Sciences					
GF1681	Ultrafast Omics Reveals Key Players in the Response Abiotic Stress	of Plants to	Research	National Science Foundation	Federa	l Co-PI	\$265	11.6%	\$30.80
	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., N., Co-PI; D'Souza, N., Co-PI; Mechanical & En			2., Co-PI; Azad, R., Co-PI; Biologica	ıl Sciences; Boy	d, R., Co	o-PI; Teacher Edi	ucation & Admi	nistration;
GF1734	Biosynthesis, Regulation and Engineering of C-Ligni	n	Research	National Science Foundation	Federa	ıl Co-PI	\$17,555	1.6%	\$280.87
	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., N., Co-PI; D'Souza, N., Co-PI; Mechanical & En			R., Co-PI; Azad, R., Co-PI; Biologica	ıl Sciences; Boy	d, R., Co	o-PI; Teacher Edi	ucation & Admi	nistration;
GF1734	Biosynthesis, Regulation and Engineering of C-Ligni	n	Research	National Science Foundation	Federa	ıl Co-PI	\$17,555	2.4%	\$421.31
	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., Engineering; D'Souza, N., Co-PI; D'Souza, N., Co-			2., Co-PI; Azad, R., Co-PI; Biologica	al Sciences; D'S	ouza, N.,	, Co-PI; D'Souza,	N., Co-PI; Med	chanical &
GF1734	Biosynthesis, Regulation and Engineering of C-Ligni	n	Research	National Science Foundation	Federa	ıl Co-PI	\$27,029	2.4%	\$648.69

Funding PI/

Project

Expended Recognition Recognition

Project ID	Title	Category	Sponsor	0	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., PI; Chen, gineering; D'Souza, N., Co-PI; D'Souza, N., Co-PI; Mater		. Co-PI; Azad, R., Co-PI; Biologica	ıl Sciences; D'S	ouza, N.,	, Co-PI; D'Souz	a, N., Co-PI; M	echanical &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federa	ıl Co-PI	\$27,029	1.6%	\$432.46
	Co-PI; Mathematics; Azad, R., Co-PI; Chen, F., Co-PI; Dixring; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	_	al Sciences; Boyd, R., Co-PI; Teach	her Education &	k Admini	istration; D'Sou	za, N., Co-PI; N	Materials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federa	ıl Co-PI	\$39,840	4%	\$1,593.61
	Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI; Chen, rring; D'Souza, N., Co-PI; Mechanical & Energy Engineeri	_	al Sciences; Boyd, R., Co-PI; Teach	her Education &	k Admini	istration; D'Sou	za, N., Co-PI; M	Materials Science
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federa	ıl Co-PI	\$77,071	4%	\$3,082.85
	Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI; Chen, gineering; D'Souza, N., Co-PI; Materials Science & Engin	-	al Sciences; Boyd, R., Co-PI; Teach	her Education &	Admini	istration; D'Souz	za, N., Co-PI; N	Iechanical &
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federa	ıl Co-PI	\$53,901	4%	\$2,156.03
Azad, R., C	Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Biolo	ogical Sciences						
GF30010	NSF/MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	National Science Foundation	Federa	l Co-PI	\$53	8%	\$4.26
Azad, R., F	PI; Mathematics; Azad, R., PI; Biological Sciences							
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Federa	ıl PI	\$10,980	40%	\$4,392.18
	Totals for	Azad,Rajeev Kuma	r					\$41,470.63
Conley,C	Charles H							
GP20008	Real-Analytic Automorphic Forms and Applications	Research	Simons Foundation	Private	e PI	\$1,031	100%	\$1,030.74
GP20010	Deformations	Research	Simons Foundation	Private	e PI	\$975	100%	\$974.70
GP20037	Contact Schwarzians, Extremal Projectors, and Infinitesimal Characters	Research	Simons Foundation	Private	e PI	\$5,035	100%	\$5,034.68
GP20040	Contact Schwarzians, Extremal Projectors, and Infinitesimal Characters	Research	Simons Foundation	Private	e PI	\$1,087	100%	\$1,087.39
	Totals for	Conley,Charles H						\$8,127.51
Gao,Su Gao, S., PI	I; Jackson, S., Co-PI; Mathematics	· ·						,
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Action	s Research	National Science Foundation	Federa	ıl PI	\$64,874	50%	\$32,437.13
	Totals for	Gao,Su						\$32,437.13
	Stephen Craig ., Co-PI; Gao, S., PI; Mathematics							
	Descriptive Dynamics and Borel Combinatorics of Group Action	s Research	National Science Foundation	Federa	l Co-PI	\$64,874	50%	\$32,437.13

Project ID	Title	Category	Sponsor	U	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Jackson,Stephen Cr	aig					\$32,437.13
	Jaime Enrique	. Dialogical Sciences	u Domi D. Co Di Dhilosophu θ	Daliaian Studias				
	I., Co-PI; Mathematics; Kennedy, J., PI; Jimenez, J., Co-PI,				G DI	Φ2.442	6.007	01 (C 0 0 0
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	Co-PI	\$2,443	6.8%	\$166.09
Iimenez, J	I., PI; Mathematics; Jimenez, J., PI; Kennedy, J., Co-PI; Bio	ological Sciences; Ro	ozzi, R., Co-PI; Philosophy & Re	ligion Studies				
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	PI	\$26,940	6.8%	\$1,831.93
	Totals for	Jimenez,Jaime Enri	que					\$1,998.02
Krueger.	John Eric							
GF1719	Forcing and Consistency Results	Research	National Science Foundation	Federal	PI	\$16,440	100%	\$16,440.47
	Totals for	Krueger,John Eric						\$16,440.47
_	illa,John Anthony la, J., Co-PI; Mathematics; Eddy, C., PI; Harrell, P., Co-PI	· Teacher Education	& Administration: Hughes I. (Co-PI: Riological S	Sciences			
динични GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	_	Co-PI	-\$600	8%	(\$48.00
	•						070	(Φ10.00)
Quintantii GF1557	Ia, J., Co-PI; Mathematics; Harrell, P., Co-PI; Eddy, C., PI UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	_	Co-PI	-\$100	8%	(\$8.00)
GI 1557	•			rederar	CO-FI	-\$100	0/0	
Richter,(Totals for	Quintanilla,John Ar	itnony					(\$56.00)
	Olav K 2., PI; Shepler, A., Co-PI; Mathematics							
GF30060	Collaborative Research: Texas-Oklahoma Representations and Automorphic Forms Conference Series	Research	National Science Foundation	Federal	PI	\$15,985	75%	\$11,988.70
GP20007	Real-Analytic Automorphic Forms and Applications	Research	Simons Foundation	Private	PI	\$6,322	100%	\$6,321.50
	Totals for	Richter,Olav K						\$18,310.20
Schmidt,	,Ralf	,						,
GP20008	Real-Analytic Automorphic Forms and Applications	Research	Simons Foundation	Private	PI	-\$17	100%	(\$17.49)
	Totals for	Schmidt,Ralf						(\$17.49
Shepler, A	Anne V ., Co-PI; Richter, O., PI; Mathematics							
GF30060	Collaborative Research: Texas-Oklahoma Representations and Automorphic Forms Conference Series	Research	National Science Foundation	Federal	Co-PI	\$15,985	25%	\$3,996.23
	Totals for	Shepler,Anne V						\$3,996.23

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30055	Descriptive Inner Model Theory, Large Cardinals, and Combinatorics	Research	National Science Foundation	Fede	ral PI	\$36,184	100%	\$36,183.70
	Totals for	Trang,Nam Duc						\$36,183.70
Urbansk	ci,Mariusz							
GF1697	Thermodynamic Formalism, Dynamics and Dimensions	Research	National Science Foundation	Fede	ral PI	-\$2,340	100%	(\$2,340.19)
GP20058	Random and Conformal Dynamical Systems	Research	Simons Foundation	Priva	ite PI	\$6,114	100%	\$6,113.72
	Totals for	Urbanski,Mariusz						\$3,773.53
Wang,X								
GF40117	BMT Survivor Study-2 (BMTSS-2)	Research	The University of Alabama at Birmingl	ham Fede	ral PI	\$14,020	100%	\$14,019.99
GF50004	Mitigating Long-term Treatment-related Morbidity in Childhood Cancer Survivors	Research	The University of Alabama at Birmingl	ham Fede	ral PI	\$56,146	100%	\$56,145.85
	Totals for	Wang,Xuexia						\$70,165.84
	Totals for	Mathematics						\$265,266.89
Physics								
Aouadi, S	Samir M ., PI; Physics; Aouadi, S., PI; Young, M., Co-PI; Materials S	Science & Engineerir	ıg					
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	National Science Foundation	Fede	ral PI	-\$502	10%	(\$50.20)
Aouadi, S	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Berman,	D., Co-PI; Aouadi, S., Co-PI; Voevo	din, A., Co	-PI; Daho	otre, N., Co-PI;	Materials Scien	ce & Engineering
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$3,135	1%	\$31.35
Aouadi, S	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Berman,	D., Co-PI; Aouadi, S., Co-PI; Voevo	din, A., Co	-PI; Daho	otre, N., Co-PI;	Materials Scien	ce & Engineering
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$3,135	4%	\$125.38
Aouadi, S.	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Voevodii	n, A., Co-PI; Berman, D., Co-PI; Aou	ıadi, S., Co	-PI; Daho	otre, N., Co-PI;	Materials Scien	ce & Engineering
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$9,742	1%	\$97.42
Aouadi, S.	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Voevodii	n, A., Co-PI; Berman, D., Co-PI; Aou	ıadi, S., Co	-PI; Daho	otre, N., Co-PI;	Materials Scien	ce & Engineering
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$9,742	4%	\$389.70
Aouadi, S.	., Co-PI; Physics; Aouadi, S., Co-PI; Berman, D., Co-PI; Da	ahotre, N., Co - PI; Vo	pevodin, A., Co-PI; Young, M., PI; M	aterials Sci	ence & E	ngineering		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral Co-PI	\$4,156	5%	\$207.78

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Aouadi, S.	., Co-PI; Physics; Young, M., PI; Aouadi, S., Co-PI; Berman	ı, D., Co-PI; Dahotr	re, N., Co-PI; Voevodin, A., Co-PI;	Materials Scie	nce & Er	ngineering		
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$13,450	5%	\$672.48
	Totals for	Aouadi,Samir M						\$1,473.90
	rno Nardelli,Marco no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; C	Chemistry						
GF40082	AFRL Collaboration Program - Materials and Manufacturing Research	Research	Clarkson Aerospace Corp	Feder	al PI	\$22,775	80%	\$18,219.96
Buongiorn	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; C	Chemistry						
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Feder	al PI	\$36,250	80%	\$29,000.26
Buongiori	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; C	Chemistry						
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Research	Duke University	Feder	al PI	\$358,241	80%	\$286,592.82
	Totals for	Buongiorno Nardell	li,Marco					\$333,813.05
Glass,Ga	ary Alan							
GF50002	Estradiol Regulation of Hypothalamic Astrocyte Glycogen	Research	University of Louisiana at Monroe	Feder	al PI	\$61,907	100%	\$61,906.98
Glass, G.,	PI; Rout, B., Co-PI; Physics							
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Privat	e PI	\$31,528	50%	\$15,763.80
	Totals for	Glass,Gary Alan						\$77,670.78
Grigolin	i,Paolo							
GF70054	Self-Organization of Social Systems	Research	Army Research Office	Feder	al PI	\$52,345	100%	\$52,344.75
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research	Robert A. Welch Foundation	Privat	e PI	\$40,609	100%	\$40,609.09
	Totals for	Grigolini,Paolo						\$92,953.84
	, Arkadii A., Co-PI; Neogi, A., PI; Physics; Choi, T., Co-PI; Materials	s Science & Enginee	ring					
	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	al Co-PI	\$114,635	30%	\$34,390.60
Krokhin, 2	A., Co-PI; Neogi, A., PI; Physics; Choi, T., Co-PI; Mechanic	cal & Energy Engine	eering					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	al Co-PI	\$284,120	30%	\$85,236.13
	Totals for	Krokhin,Arkadii						\$119,626.73
Lin,Yua	nkun							

GF30032 (Lin, Y., PI;	Physics; Lin, Y., PI; Electrical Engineering Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research						
Lin, Y., PI;	Nanopatterning Using Metamaterial Phase Masks	Research						
	Dlancian Lin V DL Elastaian Leasin and a		National Science Foundation	Federa	ıl PI	\$49,602	75%	\$37,201.75
3E4330	Physics; Lin, Y., PI; Electrical Engineering							
(Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals	Research	University of Texas at San Antonio	Federa	ıl PI	-\$4,661	75%	(\$3,495.47)
	Totals for	Lin,Yuankun						\$33,706.28
	nristopher Leslie PI; Syllaios, A., Co-PI; Physics							
	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Federa	ıl PI	\$52,875	50%	\$26,437.52
Littler, C., (Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, LL	C Federa	l Co-PI	\$66,455	25%	\$16,613.79
Littler, C., (Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics							
	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federa	l Co-PI	\$51,443	20%	\$10,288.59
Littler, C., I	PI; Syllaios, A., Co-PI; Physics							
GP00007	Export Controlled at Award - Title Removed	Research	L-3 Technologies, Inc.	Private	e PI	\$24,446	100%	\$24,446.16
Littler, C., (Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics							
]	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, LL	C Private	e Co-PI	\$4	20%	\$0.74
	Totals for	Littler,Christophe	er Leslie					\$77,786.79
Neogi,Aru	ир							
-	PI; Krokhin, A., Co-PI; Physics; Choi, T., Co-PI; Materials	Science & Engine	eering					
]	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federa	ıl PI	\$114,635	50%	\$57,317.67
Veogi, A., F	PI; Krokhin, A., Co-PI; Physics; Choi, T., Co-PI; Mechanic	al & Energy Engi	neering					
	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federa	ıl PI	\$284,120	50%	\$142,060.22
	Totals for	Neogi,Arup						\$199,377.89
Ordonez,0	Carlos A							
	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	Research	National Science Foundation	Federa	il PI	\$64,246	100%	\$64,245.59
	Equilibria of Two Relaxed Plasma Species With One Species Confined by the Space Charge of the Other Species	Research	National Science Foundation	Federa	ıl PI	\$22,019	100%	\$22,018.58

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Ordonez,Carlos A						\$86,264.17
Philipos Philipose,	e,Usha U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, Ll	LC Feder	al Co-PI	\$66,455	25%	\$16,613.79
Philipose,	U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics							
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Feder	ral Co-PI	\$51,443	30%	\$15,432.88
Philipose,	U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics							
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, Ll	LC Priva	te Co-PI	\$4	30%	\$1.10
	Totals for	Philipose,Usha						\$32,047.77
Quintan	illa,Sandra J							
GF30037	Theoretical Investigation of Low-Energy Positron and Positronium Collisions	Research	National Science Foundation	Feder	al PI	\$29,685	100%	\$29,684.87
	Totals for	Quintanilla,Sandra J						\$29,684.87
Roberts.	James Andrew							
GF40057	Texas Regional Collaborative	Instruction	University of Texas at Austin	Feder	al PI	-\$337	100%	(\$336.65)
	Totals for	Roberts,James Andre	w					(\$336.65)
-	bhudutta Co-PI; Glass, G., PI; Physics							
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Priva	te Co-PI	\$31,528	50%	\$15,763.80
	Totals for	Rout,Bibhudutta						\$15,763.80
Schultz,	David Robert							
GF4222	Energy Deposition in the Upper Atmosphere of Jupiter and Saturn by Energetic Particles: The Polar Aurora	Research	University of Kansas Center for Research	ch Feder	ral PI	\$18,870	100%	\$18,869.76
	Totals for	Schultz,David Robert						\$18,869.76
Shemme	er,Ohad							
GF30048	Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey	Research	National Science Foundation	Feder	ral PI	\$70,759	100%	\$70,759.15
GF40075	Testing the Relevance of Mergers and Environment for the Fastest Growing Black Holes in the Most Intensely Star Forming Galaxies	Research	Association of Universities for Research Astronomy, Inc.	h in Feder	al PI	\$10,237	100%	\$10,237.45
GF40076	Identifying a Robust and Practical Quasar Accretion-Rate Indicator Using the Chandra Archive	Research	Smithsonian Astrophysical Observatory	/ Feder	al PI	\$30,643	100%	\$30,643.37
							. Ex.	

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40081	Exploratory X-ray Monitoring of z>4 Radio-Quiet Quasars	Research	Smithsonian Astrophysical Observator	ry Fede	ral PI	\$1,294	100%	\$1,293.50
GF70015	WEAK LINE QUASARS AT HIGH REDSHIFT: EXTREMELY HIGH ACCRETION RATE SOURCES?	Research	National Aeronautics & Space Administration	Fede	ral PI	\$1,913	3 100%	\$1,913.27
	Totals for	Shemmer,Ohad						\$114,846.74
Shiner,D	Pavid C							
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Research	National Science Foundation	Fede	ral PI	\$49,675	100%	\$49,674.71
GP20041	A table-top magnetic resonance imaging (MRI) system.	Research	University of Texas Southwestern Med	dical Priva	nte PI	-\$3,298	3 100%	(\$3,297.99)
	Totals for	Shiner,David C						\$46,376.72
	Athanasios John 1., Co-PI; Littler, C., PI; Physics	,						ŕ
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Fede	ral Co-PI	\$52,875	50%	\$26,437.52
Syllaios, A	1., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, I	LLC Fede	ral PI	\$8,606	50%	\$4,302.77
Syllaios, A	1., PI; Philipose, U., Co-PI; Littler, C., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, I	LLC Fede	ral PI	\$57,850	50%	\$28,924.81
Syllaios, A	1., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics							
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Fede	ral PI	\$51,443	50%	\$25,721.47
Syllaios, A	1., Co-PI; Littler, C., PI; Physics							
GP00007	Export Controlled at Award - Title Removed	Research	L-3 Technologies, Inc.	Priva	ate Co-PI	\$24,446	0%	\$0.00
GP00053	Testing of electrical conduction of amorphous silicon thin films	Research	Obsidian Sensors, Inc.	Priva	ate PI	\$37,391	100%	\$37,391.03
Syllaios, A	1., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics							
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, I	LLC Priva	ate PI	\$4	50%	\$1.84
	Totals for	Syllaios, Athanasios	John					\$122,779.43
	Totals for	Physics						\$1,402,705.85
T 1. M	and Tarre							

Teach North Texas

Thompson, Ruthanne

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40108	Expanding and Strengthening STEM Teacher Workforce UTeach	Through	Research	University of Texas at Austin	Federa	al PI	\$35,531	100%	\$35,530.52
	То	tals for	Thompson, Ruthann	e					\$35,530.52
	To	tals for	Teach North Texas						\$35,530.52
	То	tals for	College of Science						\$8,855,608.53
College o	of Visual Arts & Design								
CVAD - I	Dean's Office								
Ligon,Jo	hn Eric								
GP30011	One College, One Building- A Story of Transformation		Instruction	UNT Foundation	Privat	e PI	\$4,394	100%	\$4,394.25
	То	tals for	Ligon,John Eric						\$4,394.25
	To	tals for	CVAD - Dean's Offi	ice					\$4,394.25
	То	tals for	College of Visual Ar	rts & Design					\$4,394.25
Mayborr	1 School of Journalism								
Journalis	sm - Academic Departments								
Champli <i>Champlin,</i> GP20057	S., Co-PI; Journalism - Academic Departments; Get Hearing Health Communication Assessment: attitudes, ea and prevention of recreational noise-induced hearing loss	ducation	PI; Audiology & Sp Research	neech - Language Pathology Texas Speech Language Hearing Foundation	Privat	e Co-PI	\$1,600	50%	\$800.00
	То	tals for	Champlin,Sara						\$800.00
	То	tals for	Journalism - Academ	mic Departments					\$800.00
	То	tals for	Mayborn School of	Journalism					\$800.00
Toulouse	e Graduate School								
Toulouse	e Graduate School - Dean's Office								
Oppong, GF30026	Joseph R Graduate Research Fellowship Program		Research	National Science Foundation	Federa	al PI	\$392	100%	\$392.10
	То	tals for	Oppong,Joseph R						\$392.10
	To	tals for	Toulouse Graduate	School - Dean's Office					\$392.10
	То	tals for	Toulouse Graduate	School					\$392.10
Admissio <i>Outreach</i>	ons a & Recruit U/G Opp								
	Arian Jean Work Study Mentorship Program		Public Service	Texas Higher Education Coordinating Board	g State	PI	\$160,524	100%	\$160,524.33
Office of	Grants and Contracts Administration, Univers	ity of N	orth Texas				Annual Exp	penditures, FY20	9: Page 110 of 1

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
		Totals for	Keller,Marian Jean						\$160,524.3
		Totals for	Outreach & Recruit	U/G Opp					\$160,524.3
		Totals for	Admissions						\$160,524.3
Honors	College								
Honors	College - Dean's Office								
Caffrey,	Kevin Neal								
GF20004	The University of North Texas Ronald E. McNair Postbaccalaureate Achievement Program, 2018-2022	2	Instruction	U.S. Department of Education	Feder	al PI	\$255,492	100%	\$255,492.1
		Totals for	Caffrey,Kevin Neal						\$255,492.1
		Totals for	Honors College - Dea	an's Office					\$255,492.1
		Totals for	Honors College						\$255,492.1
Office of	f the President								
Office of	f the President								
Roe,Les	a Benton								
G70167	Executive Director CPUPC Position		Public Service	Texas Council of Public University Presidents and Chancellors	Priva	te PI	\$151,500	100%	\$151,500.2
		Totals for	Roe,Lesa Benton						\$151,500.2
		Totals for	Office of the Presiden	nt					\$151,500.2
		Totals for	Office of the Preside	nt					\$151,500.2
Researc	h & Innovation								
Advance	ed Materials and Manufacturing Processes	Institute ((AMMPI)						
	e,Rajarshi R., PI; Dahotre, N., Co-PI; Siller carrillo, H., C	Co-PI; Adva	nced Materials and M	Aanufacturing Processes Institute (.	(AMMPI)				
GP00043	Additive Manufacturing of High Entropy Alloys		Research		Priva	te PI	\$10,000	40%	\$4,000.0
		Totals for	Banerjee,Rajarshi						\$4,000.0
Choi,Ta	e-Youl Co-PI; Neogi, A., PI; Dahotre, N., Co-PI; Krokh	in, A., Co-F	PI; Advanced Materia	ls and Manufacturing Processes In	nstitute (AMM	PI)			
GP00052	Nondestructive remote sensing of additive manufacture properties based on Ultrasonic Elastography	ured material	Research	CTL Medical	Priva	te Co-PI	\$668	25%	\$166.9
		Totals for	Choi,Tae-Youl						\$166.9
	,Narendra B N., Co-PI; Banerjee, R., PI; Siller carrillo, H., C	Co-PI; Adva	nced Materials and M	Aanufacturing Processes Institute (.	(AMMPI)				

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Dahotre, 1	N., Co-PI; Neogi, A., PI; Choi, T., Co-PI; Krokhii	n, A., Co-P	I; Advanced Materio	als and Manufacturing Processes	Institute (AMM	IPI)			
GP00052	Nondestructive remote sensing of additive manufactur properties based on Ultrasonic Elastography	red material	Research	CTL Medical	Priv	ate Co-PI	\$668	3 25%	\$166.96
		Totals for	Dahotre,Narendra I	3					\$3,166.96
Krokhin <i>Krokhin, A</i>	Arkadii 1., Co-PI; Neogi, A., PI; Choi, T., Co-PI; Dahotro	e, N., Co-P	I; Advanced Materio	als and Manufacturing Processes	Institute (AMM	MPI)			
GP00052	Nondestructive remote sensing of additive manufacture properties based on Ultrasonic Elastography	red material	Research	CTL Medical	Priv	ate Co-PI	\$668	3 25%	\$166.96
		Totals for	Krokhin,Arkadii						\$166.96
Neogi, A.,	r up PI; Choi, T., Co-PI; Dahotre, N., Co-PI; Krokhii	n, A., Co-P	I; Advanced Materio	als and Manufacturing Processes	Institute (AMM	MPI)			
GP00052	Nondestructive remote sensing of additive manufacture properties based on Ultrasonic Elastography	ed material	Research	CTL Medical	Priv	ate PI	\$668	3 25%	\$166.96
		Totals for	Neogi,Arup						\$166.96
	rillo,Hector Rafael illo, H., Co-PI; Banerjee, R., PI; Dahotre, N., Co	-PI; Advar	nced Materials and l	Manufacturing Processes Institute	e (AMMPI)				
GP00043	Additive Manufacturing of High Entropy Alloys		Research		Priv	ate Co-PI	\$10,000	30%	\$3,000.00
		Totals for	Siller carrillo,Hecto	r Rafael					\$3,000.00
		Totals for	Advanced Materials	s and Manufacturing Processes Inst	itute (AMMPI)				\$10,667.82
		Totals for	Research & Innovat	tion					\$10,667.82
Student .	Affairs - General								
Student 2	Affairs - General								
McGuin	ness,Maureen								
GS00024	Survivor Advocate Initiative		Public Service	Office of Attorney General, Texas	State	e PI	\$23,421	100%	\$23,420.98
		Totals for	McGuinness,Maure	en					\$23,420.98
		Totals for	Student Affairs - Ge	eneral					\$23,420.98
		Totals for	Student Affairs - Ge	eneral					\$23,420.98
Student	Engagement								
UNT TR	10								
Craig,De	etra Danielle								
GF0616	University of North Texas Student Support Services T	RIO	Public Service	U.S. Department of Education	Fede	eral PI	\$381,148	3 100%	\$381,147.91
		Totals for	Craig,Detra Daniell	e					\$381,147.91
Dean,Ka	ren Rawlings								

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GF20001	UNT HEB Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$259,351	100%	\$259,351.43
		Totals for	Dean,Karen Rawlin	gs					\$259,351.43
Maloney,	Beverly Ann								
GF20000	UNT Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$496,014	100%	\$496,014.46
		Totals for	Maloney,Beverly An	ın					\$496,014.46
Nelson,To	ori Lynn								
GF20002	Upward Bound Program		Public Service	U.S. Department of Education	Feder	al PI	\$467,835	100%	\$467,834.82
		Totals for	Nelson,Tori Lynn						\$467,834.82
Strong,A1									
	University of North Texas Upward Bound Math and S Program	cience	Instruction	U.S. Department of Education	Feder	al PI	\$34,597	100%	\$34,596.54
		Totals for	Strong,Anne						\$34,596.54
		Totals for	UNT TRIO						\$1,638,945.16
		Totals for	Student Engagemen	t					\$1,638,945.16
Toulouse	Graduate School								
Toulouse	Graduate School - Dean's Office								
Oppong,J	Joseph R								
	El Mariachi Autentico: A Study of Musical Machismo 0062_Oppong	GN18-	Research	U.S. Department of Education	Feder	al PI	\$22,583	100%	\$22,582.61
GF30026	Graduate Research Fellowship Program		Research	National Science Foundation	Feder	al PI	\$91,548	100%	\$91,548.13
		Totals for	Oppong,Joseph R						\$114,130.74
		Totals for	Toulouse Graduate	School - Dean's Office					\$114,130.74
		Totals for	Toulouse Graduate	School					\$114,130.74
University	y Library								
Digital Lil	braries								
	Ana Jean A., PI; Phillips, M., Co-PI; Digital Libraries								
	An Iterative Model for Developing Online Video Instr Promote Digital Literacy	uctions to	Public Service	Texas State Library and Archives Commission	Feder	al PI	\$2,253	50%	\$1,126.56

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Krahmer,	A., Co-PI; Phillips, M., PI; Digital Libraries								
GF40061	Borderlands Newspaper Digitization Project II		Public Service	Texas State Library and Archives Commission	Feder	ral Co-PI	-\$915	50%	(\$457.36)
		Totals for	Krahmer,Ana Jean						\$669.20
	Mark Edward M., Co-PI; Krahmer, A., PI; Digital Libraries								
GF40060	An Iterative Model for Developing Online Video Ins Promote Digital Literacy	tructions to	Public Service	Texas State Library and Archives Commission	Feder	ral Co-PI	\$2,253	50%	\$1,126.56
Phillips, I	M., PI; Krahmer, A., Co-PI; Digital Libraries								
GF40061	Borderlands Newspaper Digitization Project II		Public Service	Texas State Library and Archives Commission	Feder	ral PI	-\$915	50%	(\$457.36)
GF70032	Programmatic Extraction of "Documents" from Web	Archives	Research	Institute of Museum and Library Service	ces Feder	ral PI	\$80,522	100%	\$80,522.39
Phillips, I	M., Co-PI; Digital Libraries; Chelliah, S., Co-PI,	Linguistic	s; Zavalina, O., PI; Ii	nformation Science					
GF70044	Exploring Methods and Techniques for Facilitating A Digital Language Archives	Access to	Research	Institute of Museum and Library Service	ces Feder	ral Co-PI	\$6,230	33.33%	\$2,076.31
Phillips, I	M., Co-PI; Digital Libraries; Zavalina, O., PI; In	formation S	Science; Chelliah, S.,	Co-PI; Linguistics					
GF70044	Exploring Methods and Techniques for Facilitating A Digital Language Archives	Access to	Research	Institute of Museum and Library Service	ces Feder	ral Co-PI	\$12,881	33.33%	\$4,293.18
		Totals for	Phillips,Mark Edwar	rd					\$87,561.08
		Totals for	Digital Libraries						\$88,230.27
Special I	Libraries								
Gieringe	er,Morgan Davis								
GP40010	DART Archives Project		Public Service	Dallas Area Rapid Transit	Priva	te PI	\$127,641	100%	\$127,640.95
		Totals for	Gieringer,Morgan D	avis					\$127,640.95
		Totals for	Special Libraries						\$127,640.95
Universi	ty Library - General								
Halbert.	Martin Douglas								
	M., OTHER; University Library - General; Chan	dler, Y., PI;	Information Science						
GF2694	Library Education for the US-Affiliated Pacific: A Pr Strengthen the Digital Future of the Pacific (LEAP II		Instruction	Institute of Museum and Library Service	ces Feder	ral Co-PI	\$37,333	25%	\$9,333.14
		Totals for	Halbert,Martin Dou	glas					\$9,333.14
	s,Kevin Scott K., PI; Martin, J., Co-PI; University Library - G	'eneral							
GF2705	Broadening Access to Books on Texas and Oklahom	a	Public Service	National Endowment for the Humanition	es Feder	ral PI	\$25,545	50%	\$12,772.60

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GP30010	Understanding OA Ebook Usage: Toward a Common Framework	Research	University of Michigan	Priva	te PI	\$4,248	100%	\$4,248.15
	Totals for	Hawkins,Kevin Scott						\$17,020.75
	Ana Jean A., Co-PI; Phillips, M., PI; University Library - General							
GF40097	Borderlands Newspaper Digitization Project - Part III	Public Service	Texas State Library and Archives Commission	Feder	ral Co-PI	\$24,998	50%	\$12,499.00
	Totals for	Krahmer,Ana Jean						\$12,499.00
	ohn Edward Co-PI; Hawkins, K., PI; University Library - General							
GF2705	Broadening Access to Books on Texas and Oklahoma	Public Service	National Endowment for the Humanitie	es Feder	al Co-PI	\$25,545	50%	\$12,772.60
	Totals for	Martin,John Edward						\$12,772.60
	Mark Edward I., PI; Krahmer, A., Co-PI; University Library - General							
GF40097	Borderlands Newspaper Digitization Project - Part III	Public Service	Texas State Library and Archives Commission	Feder	al PI	\$24,998	50%	\$12,499.00
GF70014	Texas Digital Newspaper Project, Phase Four	Public Service	National Endowment for the Humanitie	es Feder	al PI	\$69,893	100%	\$69,893.26
	Totals for	Phillips,Mark Edward	d					\$82,392.26
Sittel,Naı								
GF70031	Preservation of Electronic Government Information Project	Public Service	Institute of Museum and Library Service	es Feder	al PI	\$56,458	100%	\$56,458.36
	Totals for	Sittel,Nancy R						\$56,458.36
Treat,La	ura Jean							
GF70033	Spotlight on North Texas: Dallas	Public Service	National Endowment for the Humanitie	es Feder	al PI	\$10,150	100%	\$10,149.50
	Totals for	Treat,Laura Jean						\$10,149.50
	Totals for	University Library - 0	General					\$200,625.61
	Totals for	University Library						\$416,496.83
	vost Academic Affairs v IT (UIT)							
Vadapall	i,Ravi Kumar							
	NSF I/UCRC Cloud and Autonomic Computing Center IAB Meeting at UNT	Research	Texas Tech University	Feder	al PI	\$16,458	100%	\$16,458.27
	Totals for	Vadapalli,Ravi Kuma	ır					\$16,458.27

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	0	Recognition Amount	
		Totals for Vice Provost Acad	Totals for Vice Provost Academic Affairs					\$16,458.27	_
		Totals for UNT						\$28.764.665.98	ì