Southern University and A&M College

Office of Sponsored Programs



Grants NewsBrief

Fiscal Year 2013-14

730 Harding Blvd. Baton Rouge, LA 70807 (225) 771-2809



The University's research is to be a driver of new discoveries to facilitate economic progress for our state and nation. Increasing emphasis on commercializing SUBR discoveries to bring them into the public domain will be an integral component of our mission. The research activities of our faculty lead to an extraordinary enrichment of the experience of our students that is realized at both the graduate and undergraduate levels. The research training provided to our graduate students creates the next generation of scholars well-prepared to advance knowledge and discovery.

SUBR researchers are making discoveries that address society's critical issues, including identifying new and renewable energy sources, overcoming disease and maximizing health and well-being, and creating global economies that erase poverty and provide an enhanced quality of life. Their stellar accomplishments expand the frontiers of knowledge and scholarship every day.

To continue SUBR progress toward achieving research eminence and bringing the full power of our intellectual capital to achieve a vision for society's future will require strong support from university leadership. We must advance the university's research agenda, invest in promising new initiatives, optimize research support services, and enhance our commercialization potential.

Norma J. Frank, Ph.D.

Director of Sponsored Programs

No.	Principal Investigator	Agency Name	Proposal Title	Amount
			Infusing Service-Learning in Science and Engineering	
1	Bagayoko, Diola	NSF / Xavier University	for Recruitment and Retention	\$175,000.00
2	Bagayoko, Diola	NSF	Quality Undergraduate Education in Science and Technology at the Timbuktu Academy (QUEST-TA)	\$600,000.00
	Бадауоко, Дюта	Baton Rouge Area Foundation -	Getting Smarter at the Timbuktu Academy (GeSTA-	\$000,000.00
3	Bagayoko, Diola	Powell Group Fund	II) for K-2	\$47,918.09
			Getting Smarter at the Timbuktu Academy (GeSTA-	
		Baton Rouge Area Foundation -	II) for K-2 - Learning Olympiads at the Timbuktu	
4	Bagayoko, Diola	Powell Group Fund	Academy	\$47,918.09
5	Pagavolto Diola	Baton Rouge Area Foundation - Every Kid a King	Learning Olympiads at the Timbuktu Academy (Proposal A)	\$150,000,00
)	Bagayoko, Diola	Baton Rouge Area Foundation -	Learning Olympiads at the Timbuktu Academy	\$150,000.00
6	Bagayoko, Diola	Every Kid a King	(Proposal B)	\$150,000.00
	<i>y</i> ,	, c	Center for Open Source Materials, Interfaces and	,
7	Bagayoko, Diola	LA BOR	Chemistry Simulations	\$175,092.00
			Local Density Approximation (LDA) Description of	
8	Bagayoko, Diola	LA BOR	Selected Molecules	\$4,500.00
9	Bagayoko, Diola	Florida A&M University	The Consortium for Materials and Energy Studies Component Proposal for SUBR	\$175,000.00
10	Barona, Humberto	LA BOR	SUBR-MPMEd Graduate Fellowship	\$160,000.00
			Improving Louisiana Competitiveness in Experimental	,,
			Astrophysics: A Rotation Modulation Gamma Ray	
11	Blevins, Edgar	LA BOR	Imaging Telescope	\$170,000.00
			Creating Cultural Competence and Enhancing	
12	Butler, Doze	USDA	Economic Development through Experiential Learning in Apparel Merchandising and Textiles	\$149,955.00
13	Campbell, Will	LA SBDC	Louisiana Small Business Development Center	\$188,000.00
	f ,	12	2014 National Summer Transportation Institute	,,
14	Carriere, Patrick	LA DOTD	(NSTI) Program	\$49,658.00
15	Cunningham, Katrina	LA BOR	Enhancement of Mathematics Instruction and Learning	\$56,532.00
16	Davis, Leroy	Defense Intelligence Agency	Southern University's Intelligence Community Center for Academic Excellence	\$1,892,270.00
10	Davis, Letoy	Detense intenigence Agency		\$1,692,270.00
			Targeted Infusion Project: Evidence-based Model of Online Course Design and Delivery to Enhance Online	
			Student Learning Outcomes (OSLO) in STEM	
17	Diack, Moustapha	NSF	Disciplines	\$378,054.00
			Rehabilitation Counselor Training Program with	
18	Dutta, Alo	US DoEd	Specialization in Psychiatric Rehabilitation for Culturally Diverse (RC-PR)	\$1,000,000.00
10	Duttu, Alu	OS DOLU	Science Education Enhancement Program at SUBR	ψ1,000,000.00
19	Gray, Wesley	US DoEd	(SEEP)	\$750,000.00
			MARCU*STAR Science Research Enhancement	
20	Gray, Wesley	NIH	Program (MARC/SREP)	\$2,030,288.00
21	Gray, Wesley	LA BOR NSF	Modulation of Cell Adhesion Protein by Bizzy Nut	\$4,500.00
22	Gray, Wesley	NSC	Enhancing Science Education and Research at SUBR SREEP Pathway to Success in STEAM at S.U A	\$2,174,805.00
23	Gray, Wesley	Thurgood Marshall College Fund	Cradle to the Grave Preparation Program	\$25,000.00
	. <u>, , , , , , , , , , , , , , , , , , ,</u>	5	Development of Music and Dance Cyber-Human	. ,
24	Gwee, Nigel	NSF	Systems	\$155,748.00
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No.				
	Principal Investigator	Agency Name	Proposal Title	Amount
			Development of Robust Heuristic-based Computing	
			Systems to Support Complex Problem Solving	
25	Gwee, Nigel	NSF	Infrastructures	\$415,575.00
			High Temperature Instrumentation for Nuclear	
26	Huang, Chun-Ling	University of New Orleans	Thermal Propulsion System Testing	\$262,152.00
		-	Functionally Graded SMA Micro-tube Reinforced	
			SMP Sandwich Composite for Resilient Lightweight	
27	Ibekwe, Samuel	NASA	Aerospace Structures	\$1,410,000.00
	,		Research on Thermal Barrier Coatings using Parallel	
			Molecular Dynamics Simulation and Stereographic	
28	Jana, Amitava	LA BOR	CAVE-Based Visualization	\$38,165.00
20	Juliu, I IIII u vu	ENBOR	Fracture Toughness Assessment of Ceramic Matrix	ψ50,105.00
29	Joshi, Ghanashyam	LA BOR	Composites	\$200,000.00
2)	Josin, Ghanashyam	LA BOR	·	Ψ200,000.00
			Causes Of and Solutions To Obesity and Diabetes	
30	Kaliba, Aloyce	LA BOR	Syndemic in Louisiana	\$72,910.00
			Borlaug LEAP Application: The Impact of Female	
			Farmers Participation in Aquaculture on Adoption of	
		Borlaug Leadership Enhancement	Best Management Practices and on Food Security:	
31	Kaliba, Aloyce	in Agriculture Program	The Case of Western Kenya	\$20,000.00
			REU Site: Quality Undergraduate Experiments in	
			Systems and Technology (QUEST) - A Center for	
32	Khosravi, Ebrahim	NSF	Underrepresented Students	\$411,580.00
			Rehabilitation Research and Training Center on	
			Research and Capacity Building for Minority Entities	
33	Kundu, Madan	US DoEd	(RRTC-RCBME)	\$4,375,000.00
	,		Rehabilitation Counselor Training Program with	, , , , ,
34	Kundu, Madan	US DoEd	Specialization in Assistive Technology (RC-AT)	\$1,000,000.00
			Research Initiation Award: Statistical Physics of	+-,000,000
35	Lam, Pui-Man	NSF	Polymers and DNA under an External Force	\$184,442.00
33	Dairi, I di Ividii	1101	LaCAM: Louisiana Center for Advanced	φ101,112.00
36	Li, Guoqiang	LA BOR	Manufacturing	\$1,999,997.16
30	Li, Guoqiang	LA BOR	Experimental Centric Based Engineering Curriculum	ψ1,777,777.10
37	Majlesein, Hamid	Howard University	for HBCUs	\$240,000.00
31	Wajieseni, Hannu	Howard Offiversity		\$240,000.00
20	Martines Caballas Educado	NCE	Integrative Analysis of the Hoxa1 Gene Regulatory	¢1 055 000 00
38	Martinez-Ceballos, Eduardo	NSF	Network n Mouse ES Cells	\$1,055,800.00
20	M C CLU EL L	1 011	Characterization of Transcription Factor Binding Sites	#2.750.00
<i>5</i> 9	Martinez-Ceballos, Eduardo	LSU	in Mouse ES Cells Treated with RA	\$3,750.00
40	Mada - C 1 11 - E 1 - 1	NITTY	Integrative Analysis of the Hoxa1 Gene Regulatory	0.10 0.00 0.0
40	Martinez-Ceballos, Eduardo	NIH	Network n Mouse ES Cells	\$918,600.00
44	M. C. III St.	27777	Regulation of Hoxa1 Gene Expression in Mouse	Ф221 762 22
41	Martinez-Ceballos, Eduardo	NIH	Embryonic Stem Cells	\$331,560.00
			Establishing a STEM Information Technology Case	
			Studies Lab at SUBR and using a MultiMetric	
			Approach to Assess Students' Higher Order Cognitive	*
42	Mbarika, Victor	DoD	Skills Improvement	\$499,983.00
			Designing a Weight Gain Prevention Intervention for	
43	McGee, Bernestine	USDA	Late Adolescents in the College Environment	\$599,374.00
			Southern University IRES: A Collaboration to	
			Provide Opportunities for Global Research Activities	
	Mensah, Patrick	NSF	in Sustainable Water Purification (GRA-SWP)	\$249,960.00
44	Melisan, Paurick	1101		
44	Mensan, Patrick	1102	Thermo Physical and Electrical Properties Measurements of Thermoplastic Boeing Materials	

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No.	Principal Investigator	Agency Name	Proposal Title	Amount
46	Mensah, Patrick	LA BOR	Development of Hypersonic Vehicle Design Research and Educational Program at Southern University	\$35,000.00
47	Mensah, Patrick	LSU	Feedback Control of Complex Aero-thermal Processes	\$180,000.00
48	Mensah, Patrick	NSF	Collaborative Research: Shape Memory Ceramic Foam Applications in Smart Self-healing Thermal Barrier Coating	\$465,000.00
49	Mensah, Patrick	NSF	Targeted Infusion Project: Multimedia-based Curriculum Adaptation and Infusion of Sustainable Energy Technology into Mechanical Engineering	\$399,995.00
50	Mensah, Patrick	Nuclear Regulatory Commission	Scholarships for Increasing Minority Access to Nuclear Engineering Education at Southern University and A&M College	\$199,999.00
51	Munoz, Humberto	LSU	Spectral Graph Theory for Pathway Analysis of Gene Expression Data	\$140,432.00
52	Murthy, Subramanyam	LSU	DPP4 Inhibitors in Combating the Effects of Homocysteine and Cholesterol	\$160,000.00
53	Murthy, Subramanyam	NIH	DPP4 Inhibitors in Combating the Effects of Homocysteine and Cholesterol	\$420,000.00
54	Namwamba, Fulbert	USDA	GIS Mapping of Program and EEO Complaints Data - Pilot Study	\$50,000.00
55	Namwamba, Fulbert	USDA	Upgrading of Spatial Technologies Facilities to Enhance Environmental and Global Climate Change Instruction	\$149,999.71
56	Ning, Zhu	US Geological Survey	Effects of Elevated CO2 and Flooding on Selected Urban Tree Species	\$25,000.00
57	Porter, David	LA BOR	Reconstructing the First Long Text in English: An English Encyclopedia at the 7th Century School of Canterbury	\$45,695.00
58	Powell, Kimberly	US DoEd	An Intervention-Based Model of Student Persistence for Undergraduate, Nontraditional Minority Students: Factors Predicting Their Behavior Regarding Persistence at Minority Serving Institutions	\$765,680.00
59	Salam. Md Abdus	LA BOR	Enhancement of an Energy-Efficient Routing Algorithm for Wireless Sensor Networks	\$10,000.00
60	Salam. Md Abdus	LA BOR	Advancing Trustworthiness and Reliability in Distributed Sensor Networks	\$165,724.00
61	Shin, Hak-Chul	Louisiana Transportation Research Center	Development of Sustainable Hybrid Concrete Pavement	\$30,000.00
62	Simon, Gary	USDA	Louisiana - Science, Technology, Engineering, Agriculture and Mathematics (LA STEAM)	\$150,000.00
63	Stacy, Gregory	LA BOR	Enhancement of Undergraduate Education in Astronomy and Earth Science at Southern University: A Multi-Use Planetarium Facility	\$140,000.00
64	Stubblefield, Michael	National Institute of Standards and Technology	NIST 2014 Summer Undergraduate Research Fellowship (SURF) Program	\$9,500.00

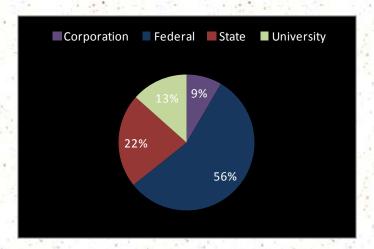
No.	Principal Investigator	Agency Name	Proposal Title	Amount
			Mutations in the Esa1 Histone Acetyltransferase Gene	
65	Telles, Carolyn	LA BOR	Alters Post-translation Modification	\$4,500.00
66	Thornton, Alma	US DOJ	SU Stop the Violence against Women Program	\$300,000.00
			Spinal Cord Injury Advocacy Training for Community	
67	Umeasiegbu, Veronica	Craig H. Neilsen Foundation	Participation Project \$10	
			Oxidized Cholesterol in Amyloid Aggregation and	
68	Uppu, Rao	NIH	Neuronal Apoptosis	\$420,000.00
			Dual Labeling of Au-SPIONs with LHRH and	
69	Uppu, Rao	LSU	Doxorubicin for Selective Cytotoxicity	\$9,500.00
			Enhancement of FT-Raman Capability for Research	
70	Wang, Weihua	LA BOR	and Teaching in the Department of Chemistry at S.U.	\$122,649.30
			Development of a Novel Photo-Driven Low Voltage	
			"Bucky Gel" Micro-Actuator for Aerospace	
71	Woldesenbet, Eyassu	LA BOR	Applications	\$23,431.00
			Design and Validation of Novel Zeolite for Efficient	
72	Yang, Shizhong	US DOE	CO ₂ Capture	\$250,000.00
			Materials by Design for Advanced Molten Salt	
73	Yang, Shizhong	US DOE	Oxidation Chemical Looping	\$742,494.00
			Computational Materials Design Experiment	
74	Yang, Shizhong	LA BOR	Validation at Lawrence Berkeley National Lab	\$6,000.00
			Optimal Data and Information Aggregation and	
			Adaptive Topology Control for Wireless Ad Hoc and	
75	Ye, Zhengmao	LA BOR	Sensor Networks	\$161,208.00
		Partners of the	Collaborative and Innovative Approach Promoting	
76	Yigletu, Ashagre	Americas Foundation	International Exchange of Students	\$25,000.00
			SU-STEM Initiatives: Teaching, Learning and	
77	Young, Luria	NSF	Sustainability	\$2,000,000.00
			Project SLT (Project southern University and A&M	
78	Young, Luria	LA BOR	College, Louisiana Tech University and Teachers)	\$240,813.03
			Studies of Acoustic and Dielectric Absorption	
			Properties of Carbon Nanotube - Ferroelectric Polymer	
79	Zhao, Guang-Lin	Department of the Navy	Composites	\$513,150.00
			Equipment Enhancement for Research and Education	
			on Nitrogen Functionalized Carbon Nanostructures as	
			New Catalysts for Fuel Cells and Lithium-Air	*
80	Zhao, Guang-Lin	DoD	Batteries	\$137,715.00
			Studies of Acoustic and Dielectric Absorption	
0.1		I A DOD	Properties of Carbon Nanotube - Ferroelectric Polymer	Ф10 000 00
81	Zhao, Guang-Lin	LA BOR	Composites	\$10,000.00
			Equipment Enhancement for Research and Education	
			on Nitrogen Functionalized Carbon Nanostructures as	
82	Zhao, Guang-Lin	LA BOR	New Catalysts for Fuel Cells and Lithium-Air Batteries	\$89,015.00
			Nitrogen Functionalized Carbon Nanostructures as New	
83	Zhao, Guang-Lin	LA BOR	Catalysts for Fuel Cells and Lithium-Air Batteries	\$199,800.00
		Air Force Office of	Electromagnetic Wave Absorption Properties of	
84	Zhao, Guang-Lin	Scientific Research	Multifunctional Carbon Nanotubes-Polymer Composites	\$450,000.00
			DMREF: First Principles Guided Research on Nitrogen	
			Functionalized Carbon Nanostructures as New	
85	Zhao, Guang-Lin	NSF	Catalysts for Fuel Cells and Lithium-Air Batteries	\$300,000.00
			First Principles Guided Research on CO ₂ Capture and	
0.5		***	Photoelectrocatalytic Reduction over Nitrogen	
• UC	Zhao, Guang-Lin	US DOE	Functionalized Carbon/Transition Metal Nanostructures	\$249,900.00
86	TOTAL			\$34,916,286.38

Proposals Awarded by Funding Source

Agency Name	Total Awarded	Percentage of Total	Number of Awards
Clarkson Aerospace Corporation	\$188,747.00	3.03%	2
Global Resource Solutions, Inc.	\$111,412.00	1.52%	1
Howard University	\$80,000.00	1.52%	1
LA Board of Regents (LA BOR)	\$1,128,858.08	12.12%	8
LA Department of Health and Hospitals (LA DHH)	\$156,000.00	1.52%	1
LA Department of Education (LA DoEd)	\$106,256.00	4.55%	3
LA Department of Transportation and Development (LA DOTD)	\$79,605.53	3.03%	2
LA Department of Social Services (LA DSS)	\$163,232.00	1.52%	1
LA Small Business Development Center	\$190,000.00	1.52%	1
Louisiana State University (LSU)	\$714,589.00	9.09%	6
Missouri S&T University	\$181,129.00	1.52%	1
National Aeronautics and Space Administration (NASA)	\$71,285.00	1.52%	1
National Science Foundation (NSF)	\$480,000.00	1.52%	1
Prairie View A&M University	\$121,000.00	3.03%	2
Tetra Tech, Inc.	\$388,381.54	21.21%	14
The Boeing Company	\$100,000.00	1.52%	1
US Department of Commerce	\$102,590.00	1.52%	1
US Department of the Air Force	\$50,000.00	1.52%	1
US Department of Health and Hospitals (US DHHS)	\$768,950.00	3.03%	2
US Department of Energy (US DOE)	\$695,000.00	3.03%	2
US Department of Education (US DoEd)	\$1,940,258.00	10.61%	7
US Department of Transportation (US DoT)	\$10,000.00	1.52%	1
US Geological Survey	\$25,000.00	1.52%	1
US Department of Agriculture (USDA)	\$323,231.00	7.58%	5
Total	\$8,175,524.15	100.00%	66

Funding Sources

Agency Type	Amount	Number of Awards
Corporation	\$688,540.54	17
Federal	\$4,566,314.00	23
State	\$1,823,951.61	16
University	\$1,096,718.00	10
Total	\$8,175,524.15	66



Awards by Colleges/Units

College	Total Awarded	Percentage of Total	Number of Awards
Business	\$404,002.00	4.55%	3
Education, Arts & Humanities	\$2,048,511.08	13.64%	9
Engineering & Computer Science	\$1,384,623.53	19.70%	13
Nursing & Allied Health	\$468,950.00	1.52%	1
ORSI	\$448,381.54	22.73%	15
Sciences & Agriculture	\$3,421,056.00	37.88%	25
Total	\$8,175,524.15	100.00%	66

Dollar Amount of Proposals Awarded July 1, 2009—June 30, 2014



*FY Totals Does Not Include Title III Funds

Proposals Awarded (July 1, 2013-June 30, 2014)

No.	Principal Investigator	Project Title	Agency Name	Award Amount
		Enhancing Urban Forestry Program at Southern University		
1	Abdollahi, Kamran	and A&M College	USDA	\$72,200.00
2	Abdollahi, Kamran	Urban Forest Educational Forest	USDA	\$70,000.00
3	Andrews, Donald	University Center for Economic and Entrepreneurial Development	US Dept. of Commerce	\$102,590.00
4	Andrews, Donald	Defense Intelligence Agency (DIA) Mentor Protégé Program	Global Resource Solutions, Inc.	\$111,412.00
5	Bagayoko, Diola	Space Grant Scholars at the Timbuktu Academy (SGS-TA)	LSU	\$42,725.00
6	Bagayoko, Diola	Investigating and Characterizing Catalytic Activity in Novel Materials and Processes using Experimental and Computational Techniques	Prairie View A&M University	\$50,000.00
7	Bagayoko, Diola	Louisiana Alliance for Minority Participation Senior Alliance Institutional Agreement with SUBR	LA BOR	\$148,000.00
8	Bagayoko, Diola	Louisiana Alliance for Minority Participation Senior Alliance Statewide Office at SUBR	LA BOR	\$387,000.00
9	Bagayoko, Diola	Louisiana EPSCoR Research Infrastructure Improvement: Computional Materials SUBR Subcontract	LA BOR	\$358,997.00
10	Bagayoko, Diola	Investigating and Characterizing Catalytic Activity in Novel Materials and Processes using Experimental and Computational Techniques at LANL Title IV-E Child Welfare Training and Curriculum	Prairie View A&M University	\$71,000.00
11	Borskey, Erma	Development	LA DSS	\$163,232.00
12	Butler, Doze	DELTA Obesity Prevention Research Unit - Southern University and A&M College (Analysis/Dissemination of Research)	USDA	\$136,031.00
13	Butler, Doze	AMS Student Enhancement Program at Southern University and A&M College	USDA	\$35,000.00
14	Butler, Doze	Developing a Program which will Result in an Increase in the Number of Students Qualified to become Agricultural Statisticians	USDA	\$10,000.00
15	Campbell, Will	LA Small Business Development Center	LA Small Business Development Center	\$190,000.00
16	Carriere, Patrick	2014 National Summer Transportation Institute (NSTI) Program	LA DOTD	\$49,605.53
17	Carriere, Patrick	Detection and Sensing of Environmental Chemical Substances using Ad-hoc Wireless	US DOE	\$495,000.00
18	Doomes, Edward	Environmentally Persistent Free Radicals, Structure and Properties of Metal Oxide Particle-Absorbate Systems	LSU	\$18,911.00
19	Doucet, Patricia	Educational Telent Search #1 - Classic	US DoEd	\$428,793.00
20	Duncan, Cecil	Prevention Training in Louisiana	LA DHH	\$156,000.00
21	Dutta, Alo	Rehabilitation Counselor Training Program with Specialization in Rehabilitation of Ethnic Minorities	US DoEd	\$150,000.00
22	Gray, Wesley	Southern University and A&M College - IDeA Networks of Biomedical Research Excellence (INBRE)	LSU	\$401,925.00

Proposals Awarded (July 1, 2013-June 30, 2014)

No.	Principal Investigator	Project Title	Agency Name	Award Amount
23	Harrison, Ronnie	Title I - Grants to Local Education Agencies	LA DoEd	\$95,940.00
24	Harrison, Ronnie	Title II, Part A, Teacher and Principal Training and Recruiting Fund	LA DoEd	\$7,195.00
25	Harrison, Ronnie	SU Lab Test Prep 2013-2014	LA DoEd	\$3,121.00
26	Ibekwe, Samuel	Bio-Mimetic Self-Healing Composite Sandwich for Impact Tolerant NextGen Aerospace Structures	LSU	\$187,278.00
27	Jerro, H. Dwayne	Collaboration of Southern University at The Boeing Company in the Systems Support of the International Space Station (ISS) Program	The Boeing Company	\$100,000.00
28	Kundu, Madan	Comprehensive System of Personnel Development in Rehabilitation Counseling Online (CSPD-RCO)	US DoEd	\$200,000.00
29	Kundu, Madan	Rehabilitation Training - Vocational Education and Work Adjustment (VEWA)	US DoEd	\$100,000.00
		Project Work Opportunity through Resource and Capacity Building (WORC): Transition Age African American Youth with Emotional, Intellectual and Behavioral		
30	Kundu, Madan	Disabilities	US DoEd	\$200,000.00
31	Lawson, Huey	2013-14 Dwight David Eisenhower HBCU Fellowship	US DOT	\$10,000.00
32	Lee, Earl	Upward Bound Math and Science Project	US DoEd	\$236,925.00
33	Majlesein, Hamid	Experimental Centric Based Engineering Curriculum for HBCUs	Howard University	\$80,000.00
34	Martinez-Ceballos, Eduardo	Characterization of Hoxa1-related Cis Elements Indentified by H3K4me1 Profiling in Mouse ES Cells	LSU	\$3,750.00
35	Meng, Qinghao	A Smart Asphalt Sealant	LA DOTD	\$30,000.00
36	Ning, Zhu	Effects of Elevated CO2 and Flooding on Urban Tree Species	US Geological Survey	\$25,000.00
37	Ning, Zhu	An Ecosystem Approach to Global Climate Change	NASA	\$71,285.00
38	Rami, Janet	Scholarships for Disadvantaged Students	US DHHS	\$468,950.00
39	Robinson, Rhonda	The Classic Upward Bound Project	US DoEd	\$624,540.00
40	Salam, Md Abdus	Enhancement of an Energy-Efficient Routing Algorithm for Wireless Sensor Networks	LA BOR	\$10,000.00
41	Shin, Hak-Chul	Development of Sustainable Rehabilitation Layer on Existing Concrete Layer	LA BOR	\$46,864.00
42	Shin, Hak-Chul	RE-CAST: Development of Rapid PCC Pavement Repair Materials and Construction Techniques	Missouri S&T University	\$181,129.00
43	Smith, Raife	AFRL Collaboration Program - Sensors Research	Clarkson Aerospace Corporation	\$168,747.00
44	Smith, Raife	Sensors Nanotechnology Research for C4ISR and EW Technical Thrust	Clarkson Aerospace Corporation	\$20,000.00

Proposals Awarded (July 1, 2013-June 30, 2014)

No.	Principal Investigator	Project Title	Agency Name	Award Amount
45	Thornton, Alma	SU - HIV/AIDS and Substance Abuse Prevention Program	US DHHS	\$300,000.00
		A Regional Program for Production of Multiple		
46	Washington, Samuel	Agricultural Feedstocks and Processing to Biofuels and Biobased Chemicals	LSU	\$60,000.00
47	Washington, Samuel	Massachusetts Military Reservation Contract	Tetra Tech, Inc.	\$25,000.00
48	Washington, Samuel	Laboratory Services for Naval Air Station Brunswick - Brunswick, Maine	Tetra Tech, Inc.	\$37,605.00
49	Washington, Samuel	Laboratory Services for NAVSTA Mayport, FL	Tetra Tech, Inc.	\$5,262.00
50	Washington, Samuel	Hunters Point Shipyard	Tetra Tech, Inc.	\$60,000.00
			,	,
51	Washington, Samuel	Laboratory Analytical Services for Tetra Tech RAD EMAC, Hunters Point Shipyard, San Francisco, CA	Tetra Tech, Inc.	\$65,000.00
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52	Washington, Samuel	SW/PW/GW Sampling Vineyard Chemical Superfund Site, Cumberland County, New Jersey	Tetra Tech, Inc.	\$31,694.00
53	Washington, Samuel	Camp Lejuene	Tetra Tech, Inc.	\$50,000.00
54	Washington, Samuel	Alameda Site OU2C	Tetra Tech, Inc.	\$40,000.00
55	Washington, Samuel	Alameda Site	Tetra Tech, Inc.	\$10,000.00
56	Washington, Samuel	Alameda Site 32	Tetra Tech, Inc.	\$3,000.00
30	w asimigton, Samuer	Arameda Site 32	Tetta Teen, me.	ψ3,000.00
57	Washington, Samuel	Marine Corp Recruit Depot (MCRD) Parris Island, South Carolina Comprehensive Long-Term Environmental Action	Tetra Tech, Inc.	\$32,092.54
58	Washington, Samuel	Pax River Site 39	Tetra Tech, Inc.	\$10,000.00
36	w asimigton, Samuer		Tetta Tech, Ilic.	\$10,000.00
		USACE Confined Disposal Facilities, Gloucester and Salem Counties, New Jersey, Geo-Environmental and Geo-		
59	Washington, Samuel	Technical Services	Tetra Tech, Inc.	\$13,728.00
		Analytical Services for Marine Corps Recruit Depot Parris		
60	Washington, Samuel	Island - Parris Island, South Carolina	Tetra Tech, Inc.	\$5,000.00
		An Integrated Study on Novel High Temperature High		
61	Yang, Shizhong	Entropy Alloy	US DOE	\$200,000.00
		Computational Materials Design Experiment Validation at		
62	Yang, Shizhong	Lawrence Berkley National Laboratory	LA BOR	\$6,000.00
		Common Core Standards and Assessment: K-12/		
63	Young, Luria	Postsecondary Alignment (CTC) Grant	LA BOR	\$4,000.00
64	Young, Luria	LIGO Science Education Center Partnership (SUBR)	NSF	\$480,000.00
65	Young, Luria	Project MISE/RIPPLE	LA BOR	\$167,997.08
		Study of Electromagnetic Wave Absorption Properties of	US Department of the	
66	Zhao, Guang-Lin	Carbon Nanotubes-Based Composites	Air Force	\$50,000.00
	Total			\$8,175,524.15
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