



**Proposals Submitted**  
**July 1, 2022 - June 30, 2023**

Principal Investigator	Agency	Title	Amount
Akwaboa, Stephen	NASA Jet Propulsion Laboratory	Planetary Cloud-Aerosol Research Facility	\$80,517.00
Alleyne, John	LA BOR	Digital Techniques for Traditional Makers: Enhancement of the Visual Arts Program through a Digital Fabrication Lab	\$296,203.13
Batra, Sanjay	NSF	Excellence in Research: Stress-induced Alterations in the Epigenetic, Metabolic, and Functional Profiling of Macrophages	\$2,149,865.00
Batra, Sanjay	LA BOR	Enhancement of Research Infrastructure: Environmental Toxicology at SUBR	\$996,830.00
Batra, Sanjay	LSU	Louisiana Biomedical Research Network (LBRN) Mentor Effort	\$10,213.00
Batra, Sanjay	LSU	Southern University and A&M College MCBC Core Liaison	\$2,800.00
Batra, Sanjay	LSU	Establishment of Environmental Toxicology Core Facility at SUBR	\$78,644.00
Batra, Sanjay	LSU	Role of Lipid Rafts, Exosomes, and Epigenetic Factors in Accumulation/Activation of Proteasomes in E-cigs Condensate Exposed Lung Epithelial Cells	\$70,000.00
Batra, Sanjay	NSF	Equipment: MRI: Track 1 - Enhancement of Research Infrastructure in Environmental Toxicology at SUBR: Acquisition of State-of-the-Art Scientific Equipment	\$1,399,134.00
Batra, Sanjay	LSU	RPS6/SUMO-dependent Regulation of Stress Responses in Diesel Particulate Extract Challenged Lung Epithelial Cells	\$7,500.00
Batra, Sanjay	LSU	Assessing Synergistic Effects of MWCNTs and DPE on Lung Epithelial Cells	\$18,816.00
Batra, Sanjay	LSU	Investigating the Molecular Components and Regulation of PANoptosomes in Stressed Cells	\$7,500.00
Batra, Sanjay	LSU	Investigating MWCNTs' Effect on Lung Cells under Stress via Proteomics and Computation	\$7,500.00
Batra, Sanjay	LSU	Rpn13 and Rpn11 Impact on Gene Expression in A549 Cells Exposed to ECVC: RNA Sequencing Insights	\$7,500.00
Batra, Sanjay	LSU	Primary Human Macrophage Polarization and Functional Dynamics during E-cigs Condensate Exposure	\$84,000.00

Principal Investigator	Agency	Title	Amount
Batra, Sanjay	NIH	Stressed-induced Regulation of Ribosomal Proteins: A Study on Moonlighting Functions in Lung Epithelial Cells	\$555,520.00
Belu, Radian	LSU	Smart Equitable Energy Resilience (SEER): An Automated Coordinated Approach for Energy Resilience and Restoration in Disadvantaged Communities under Solar PV	\$59,499.00
Belu, Radian	LSU	PhastProtections: Phasor-domain Asymmetrical Simulator for Transmission Protection Studies under High IBR Contribution	\$59,403.00
Belu, Radian	LA BOR	Feasibility of Multi-scale Engineering Analysis of Renewable Energy Systems	\$5,000.00
Belu, Radian	LA BOR	A Gateway to Visualization and Learning through PV Cell Imaging and Modeling	\$5,000.00
Belu, Radian	Oak Ridge National Laboratory	Renewable Marine-Source Integrated Heat Pump (MS-IHP) for Space Conditioning, Water Heating, and Fresh Water Harvesting in Remote Coastal and Island Communities	\$12,000.00
Beshera, Kebede	LA Department of Wildlife and Fisheries	Building a Genetic Library of the Mitochondrial Cytochrome c Oxidase Gene and a Preliminary Phylogenetic Framework for Louisiana Freshwater Mussels	\$124,575.26
Clark, Karen	Thurgood Marshall College Fund	Breastfeeding Attitudes, Knowledge and Intention among African American Women in a WIC Program	\$25,000.00
Doomes, Edward	LSU	Evaluation of Louisiana Formations for Long Term Hydrogen Storage and Production	\$105,180.00
Doucet, Geraldine	National Institute of Justice	Juvenile Mentoring Research and Evaluation Project: Examining Factors that Impact the Effectiveness of Justice-Involved Youth School Mentoring Program across Selected States that could Lead to a Model	\$1,347,950.00
Dubytska, Lidiya	NSF	Detecting New E. ictaluri T3SS Effectors and Uncovering role of T3SS Effector EseG in Pathogenesis	\$1,726,371.00
Duplantis, Chasse	LA BOR	Enhancement of Methods and Applied Courses through the Procurement of Musical Instruments	\$129,327.00
Flowers-Benton, Susan	Wake Forest University	Integrating Health Equity into Alzheimer's Research Recruitment and Learning (I-HEAL)	\$250,000.00
Frank, Norma	NSF	Conference: An HBCU Partnership to Enhance Research Support Services and Technical Training	\$100,000.00
Gao, Feng	LA BOR	High Pressure Experimental and Computational Study of High Entropy Alloys	\$10,000.00

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Gao, Feng	LA BOR	Experimental and Computational Study of High Entropy Alloys under High Pressure	\$10,000.00
Gray, Wesley	NIH	Antimicrobial Compounds and Natural Products	\$560,000.00
Gray, Wesley	NIH	Antimicrobial Compound and Natural Products	\$56,000.00
Hines, Revathi	LSU	RII Track-2-FEC: Equitable System-of-Systems Vision for Community Resilience Assessment under Changing Climate	\$205,940.76
Ismail, Yasser	NSF	Excellence in Research: Drowsiness and Drunk Drivers Detection-Based Machine Learning (D4-ML) System	\$555,904.00
Ismail, Yasser	NSF	Targeted Infusion Project: Re-Implementing a Successful STEM Educational Model in the Electrical Engineering Program at Southern University and A&M College	\$399,927.00
Ismail, Yasser	University of Louisiana at Lafayette	A High Fidelity-Based Machine Learning Automated System for Detecting Fatigue, Drowsiness, and Drunk Drivers	\$434,996.00
Jackson, Lynette	NSF	Collaborative Research: CUE-T: A Program for Enhancing Computer Programming Abilities of Underrepresented Students through Mechanisms, Robotics and Optimization Applications	\$309,695.00
Jackson, Lynette	Tulane University	Collaborative Research: RII Track-2 FEC: CARE: Climate Change-Aware Recommendation Framework for Resilient Agriculture	\$250,002.00
Jackson-Osagie, Emily	NSF	Southern University Diversifying STEM Teacher Education Program (SU-DSTEP)	\$1,200,000.00
Jahan, Maryam	NSF	Synthesis and Applications of Quantum Dots from Carbon-Based Materials as Environmentally Friendly Catalysts	\$2,403,550.00
Johnson, Joycelyn	U.S. DoJ	SUPD Community Policing Development Microgrant	\$176,867.00
Johnson, Joycelyn	U.S. DoJ	SUPD - Baton Rouge Collaborative Crisis Response and Intervention Program	\$211,628.00
Johnson, Joycelyn	U.S. DoJ	Southern University Police Department Crisis Intervention Team	\$361,568.00
Johnson, Joycelyn	International Association of Chief of Police	SUPD-C-VAC - Keeping Jags Safe	\$90,000.00
Jones, Conrad	LSU	Atomic Nano-scale Precision of Bifunctional Zeolites: Direct Aromatization of Methane	\$13,012.00
Kaliba, Aloyce	USDA	Central and Northeast Louisiana Rural Business Opportunity Program	\$499,131.00
Kight, Dawn	Kentucky State University	Enhancing Research and Teaching Capacity through an 1890 Library Consortium in the Post Covid-19 World	\$133,037.00
Kourouma, Mathieu	NSF	Collaborative Research: IRES Track I: Wireless Federated Fog Computing for Remote Industry 4.0 Applications	\$141,721.00

Principal Investigator	Agency	Title	Amount
Lacy, Fred	LSU	Dynamic and Scalable Spatiotemporal Data Ecosystem for Decoding Human Health and Wellbeing in Coastal Built Environments	\$751,300.00
Lacy, Fred	LA BOR	Plasmonic Nanoparticle Sensitized Ga2O3 Nanowire Based UV Photodetector	\$7,000.00
Lacy, Fred	University of North Texas - Health Science Center	A Machine Learning Model for Cancer Detection and Reduction in the African American Community	\$99,999.94
Lee, Dongkeun	NSF	Research Initiation Award: Complete Solution for Resilient, Durable, and Sustainable Bracing Systems using Corrosion-resistant Materials and Pozzolans	\$299,825.00
Lee, Dongkeun	LA BOR	Development of Essential Models for Reinforced Concrete Walls Strengthened with Polyurea Elastomer Subject to Impact Force	\$156,364.00
Li, Guoqiang	University of Tennessee - Knoxville	Center for Resilient and Adaptive Infrastructure (CERTAIN)	\$200,000.00
Martinez-Ceballos, Eduardo	LSU	CORE Liaison Fund: BCC Core Liaison	\$2,800.00
Martinez-Ceballos, Eduardo	Thurgood Marshall College Fund	Exploring the use of G5 Dendrimers for the Detection of SARS-CO-V-2 in Wastewater at Southern University	\$25,000.00
McComb, Jacqueline	LSU	Mississippi River Delta Transition Initiative (MissDelta)	\$499,969.00
McDonald, Bonny	LA BOR	Frank Hayden Theater Rigging System Renewal: Reopening an Interdisciplinary Performance Space	\$106,965.00
Mellieon-Williams, Francesca	LA DOTD	Southern University and A&M College SU-STEM/NSTI Program	\$50,000.00
Mensah, Patrick	LSU	Machine Learning Assisted Design of Vitrimers for 4D Printing Lightweight Composite Structures	\$275,999.00
Mensah, Patrick	U.S. DOT	Sustainable Transportation Research Center with High-Performance-Smart-Materials (STReCH)	\$2,000,000.00
Mensah, Patrick	LA BOR	Southern University and Board of Regents Doctoral Support Initiative 2023-26	\$391,557.00
Mensah, Patrick	Oak Ridge National Laboratory	High Efficiency Refrigerator Enabling Demand Flexibly	\$84,000.00
Mensah, Patrick	LSU	Enhancement of Research Infrastructure at SUBR - LBRN Carryforward	\$331,053.00
Murthy, S.N.	LSU	Studies on the Beneficial Role of Methionine in Countering the Initiation and Progression of NAFLD	\$56,000.00
Nelson-Smith, Kenyetta	USDA	GROW FANH: GRowing Opportunities for Workforce in Food, Agriculture, Natural Resources and Human Sciences	\$4,926,150.00
Ning, Zhu	USDA	Climate Smart, Environmental Justice and Leadership Building - A Collaborative Approach	\$500,000.00
Ning, Zhu	USDA	The GREEN LAB -- Generating Resources for Environmental Excellence Network (GREEN) toward Leadership and Advancement Building Lab	\$9,504,065.72

Principal Investigator	Agency	Title	Amount
Okwan, Phyllis	LA BOR	Statistical Analysis of Early Childhood Education	\$5,000.00
Perry, Kristie	Ujima Inc.	Southern University Ujima Program	\$495,460.00
Perry, Kristie	U.S. DoJ	Southern University Stop the Violence against Women Program	\$399,977.00
Raufu, Abiodun	National Institute of Justice	Perception of Young African Americans on Gun Violence in Louisiana	\$387,286.00
Reese, Terrence	LSU	2023 Space and Planetary Science at the Timbuktu Academy (SPA-TA)	\$25,000.00
Ruiz, Derek	Michigan Retirement & Disability Research Center	Developing a Survey to Understand Barriers to Applying for Disability Insurance	\$16,051.00
Sagbansua, Lutfu	Thurgood Marshall College Fund	Supply Chain Learning System and Network Development	\$49,967.00
Sagbansua, Lutfu	NSF	Engine for Louisiana Innovation and Transition of Energy (ELITE)	\$127,610.00
Scott-Stewart, Erin	U.S. DoEd	Journey to Achieve Greater Success in Teacher Preparation at Southern University (JAGS Prep - SU)	\$1,600,000.00
Scott-Stewart, Erin	LA BOR	Wraparound Educational Supports for Teacher Candidates [WEST-C]	\$1,000,000.00
Scott-Stewart, Erin	Rochester Institute of Technology	BCSER: Nucleating STEM Education Research Communities with Professional Development for Emerging Education Researchers	\$86,154.00
Seo, Jung-Im	USDA	Enhancing the Hands-on Quilting Experience using the Existing Quilt Laboratory	\$149,997.03
Shin, Alex Hak-Chul	University of Louisiana at Lafayette	UTC Regional Center: Southwestern Transportation Alliance for Research (STAR)	\$200,000.00
Shin, Alex Hak-Chul	University of Texas at San Antonio	Climate and Environmental Abatement Knowledge Infrastructure and Transportation (CLEAN IT) Center	\$180,000.00
Shin, Alex Hak-Chul	Worcester Polytechnic Institute	UTC Tier 1 Center: Climate-adaptive Coastal Transportation Infrastructure and Innovation (C3TII)	\$200,000.00
Spurlock, Wanda	Thurgood Marshall College Fund	Disaster Preparedness among Older African American Adults	\$25,000.00
Stewart, Anthony	U.S. DOE	Researching an Advanced Computing Technologies Workforce through Education Initiatives in Quantum Information Science and Engineering (ReACT-QISE)	\$450,000.00
Thomas-Fuller, Gloria	NSF	Jags for Jags - Academic Success through Peer and Hierarchical Mentoring (J4J)	\$2,499,999.00
Trivedi, Sudhir	National Security Agency	GenCyber Summer Camp 2023	\$148,273.13
Twumasi, Yaw	LA BOR	Monitoring Coastal Erosion in Louisiana using NASA Earth Observation Data and Artificial Intelligent (AI) Technology	\$34,600.00
Uppu, Rao	LSU	Oxidized Cholesterol in Amyloid Aggregation and Neuronal Cell Apoptosis	\$56,000.00

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Uppu, Rao	LSU	3-Nitro-5-chloro-L-Tyrosine, A Novel Biomarker for Inflammation: Synthesis and Development of Polyclonal Antibodies for Enzyme Immoassays and Histochemical Applications	\$9,500.00
Uppu, Rao	Harvard University	Collaborative Research: FMRG: Eco: Green Eco-friendly Nanofluidic Electronics System Integrations for Life Sciences, Environmental Sciences, Healthcare, and Biosecurity (GENESIS)	\$400,000.00
Uppu, Rao	LSU	Dual Labeling of Au-SPIONs with LHRH and Doxorubicin for Selective Cytotoxicity and Tumoricidal Activity	\$168,000.00
Uppu, Rao	NIH	Dual Labeling of Au-SPIONs with LHRH and Atheronals-A/B for Selective Cytotoxicity and Tumoricidal Activity	\$556,000.00
Uppu, Rao	NIH AIM-AHEAD Consortium	Improving Nutritional Access and Air Quality in Cancer Alley through Artificial Intelligence	\$1,060,370.00
Vance, Crystal	LA Department of Agricultural Forestry	Evaluating Louisiana Turfgrass Species Response to Chemical and Physical Stressors Influenced by Natural Disasters	\$51,637.05
Vincent-Finley, Rachel	Ohio Supercomputer Center	CIU: Implementation: Medium: Computational and Data Science Curriculum Exchange (C2Exchange) Faculty Community of Practice	\$110,001.00
Vincent-Finley, Rachel	DSI Innovation, LLC	The NASA HBCU Collaborative to Enhance AI, Big Data, and Analytics Competencies and Entrepreneurial Opportunities	\$239,878.00
Wang, Weihua	LA BOR	Dendrimer-mediated Synthesis of Multimetallic Alloy Nanoparticles	\$10,000.00
Wang, Weihua	LA BOR	Synthesis of Dichroic Metal Nanoparticles by Chemical Reduction Methods	\$10,000.00
Warren, Brian	LA BOR	Computational Machine Learning for Metal Alloys via Microwave Casting towards Additive Manufacturing	\$9,800.00
Warren, Brian	Unity Charitable Fund at Tides Foundation	Unity Workforce Grant	\$200,000.00
Womack-Bell, Ada	LSU	LA Small Business Development Center - SUBR	\$175,315.00
Yan, Cheng	University of Delaware	RII Track-2 FEC: Supporting Farming Communities via Upcycling of Natural Fiber Composites for Climate Neutral and Sustainable Manufacturing	\$786,221.00
Yan, Cheng	LA BOR	Multifunctional Polymer Design Based on Machine Learning Framework	\$39,949.00
Yan, Cheng	NSF	RII: Track-4: NSF: Empowering Thermoset Polymer Research: Machine Learning for Enhanced Material Functionality and Versatility	\$210,788.00
Yan, Cheng	LA BOR	Machine Learning Assisted Discovery of Multifunctional Thermoset Polymers	\$34,600.00

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Yang, Shizhong	LA BOR	Investigation of Thermal Dynamic Properties of Complex Concentrated Alloys	\$40,000.00
Yang, Shizhong	LSU	Regional Computing: ACCEL: A Composable Compute Environment for LONI	\$20,000.00
Yang, Shizhong	LA BOR	Machine Learning Study on Radiation Resistance Alloys Design	\$5,000.00
Yin, Hang	University of Massachusetts Amherst	FMRG: ECO: Carbon-Inverted Manufacturing of Inverted Cements (CIMIC)	\$346,166.00
Zeng, Congyuan	LA BOR	Design and Rapid Verification of Alloys Suitable for Laser Powder Bed Fusion Process for Aerospace Application	\$40,000.00
Zeng, Congyuan	NSF	Research Infrastructure RII: Track 4: NSF: Developing Light-Weight Refractory High-Entropy Alloys (RHEAs) with Superior Thermophysical Property and Strength-Ductility Synergy	\$299,999.00
Zeng, Congyuan	LA BOR	Design Alloys Suitable for Laser Powder Bed Fusion Process and Hole Repairing in Aluminum Plates with Additive Friction Stir Deposition	\$34,600.00
Zeng, Congyuan	LSU	Spark Plasma Heat Treatment of Metallic Parts Made by Laser Powder Bed Fusion Additive Manufacturing	\$35,000.00
Zhang, Chiqian	University of Missouri	Evaluation and Mitigation of Opportunistic Pathogen and Disinfection Byproduct Contamination in Drinking Water Distribution Systems	\$281,867.98
Zhang, Chiqian	NSF	ERI: Opportunistic Pathogens and Disinfection Byproducts in Municipal Engineering Water Systems: From Comprehensive Monitoring to Dual Control	\$188,443.00
Zhang, Chiqian	LA BOR	Constructing an Environmental Microbiology and Biotechnology Laboratory to Augment the Research and Education in the Department of Civil and Environmental Engineering at SUBR	\$199,952.85
Zhang, Chiqian	NSF	Targeted Infusion Project: Enhancing Undergraduate STEM Education in Civil and Environmental Engineering by Constructing an Environmental Microbiology and Biotechnology Laboratory	\$399,839.00
Zhang, Chiqian	Pegasus Technical Services, Inc.	Analysis of Microbial Community Structure and Water Quality to Reveal the Critical Stressors Threatening Ecological Resources of the United States	\$29,999.99
Zhang, Congyan	LA BOR	Investigation on the Electronic Properties of CCAs under High Pressure	\$7,500.00
Zhao, Guang-Lin	University of Rochester	The Laboratory for Laser Energetics at the University of Rochester (LLE)	\$530,913.00
<b>TOTAL - 122</b>			<b>\$52,680,587.84</b>



**Proposals Funded  
July 1, 2022 - June 30, 2023**

<b>Principal Investigator</b>	<b>Agency</b>	<b>Title</b>	<b>Amount</b>
Akwaboa, Stephen	Jet Propulsion Laboratory	Planetary Cloud Aerosol Research Facility	\$44,000.00
Andrews, Donald	U.S. Department of Commerce	Southern University and A&M College Baton Rouge - University Center for Economic and Entrepreneurial Development	\$112,850.00
Andrews, Donald	U.S. DoEd	Promoting International Business Education and Enhancing Export Readiness, Nascent IT, Global Supply Chain, and Entrepreneurship Through Academic Exchange Partnership	\$93,122.00
Andrews, Donald	U.S. Department of Commerce	Southern University and A&M College Campus Entrepreneurship Institute for Strengthening Innovation and Venture Creation	\$300,711.00
Andrews, Donald	Alliance Insurance Foundation	Alliance Insurance Foundation Degree Program of Risk Management and Insurance in the College of Business at Southern University and A&M College	\$101,000.00
Batra, Sanjay	NSF	Excellence in Research: Stress-induced Expression and Release of DAMPs: Regulatory Role of Epigenetic and Post-translational Modifications	\$676,204.00
Batra, Sanjay	LSU	Role of DAMPS in Regulating Autophagy Process in Pentachlorophenol Challenged Lung and Liver Epithelial Cells	\$9,500.00
Batra, Sanjay	LSU	Louisiana Biomedical Research Network (LBRN) Mentor Effort	\$10,213.00
Batra, Sanjay	LSU	Southern University and A&M College MCBC Core Liaison	\$2,800.00
Batra, Sanjay	NSF	Excellence in Research: Stress-induced Expression and Release of DAMPs: Regulatory Role of Epigenetic and Post-translational Modifications	\$49,087.00
Batra, Sanjay	LSU	Role of Lipid Rafts, Exosomes and Epigenetic Factors in Accumulation/Activation of Proteasomes in E-cigs Condensate Exposed Lung Epithelial Cells	\$70,000.00
Batra, Sanjay	LSU	Investigating the Molecular Components and Regulation of PANoptosomes in Stressed Cells	\$7,500.00



Principal Investigator	Agency	Title	Amount
Batra, Sanjay	LSU	Rpn13 and Rpn11 Impact on Gene Expression in A549 Cells Exposed to ECVC: RNA Sequencing Insights	\$7,500.00
Batra, Sanjay	LSU	Investigating MWCNTs' Effect on Lung Cells under Stress via Proteomics and Computation	\$7,500.00
Batra, Sanjay	LSU	RPS6/SUMO-dependent Regulation of Stress Responses in Diesel Particulate Extract Challenged Lung Epithelial Cells	\$7,500.00
Belu, Radian	Oak Ridge National Laboratory	Renewable Marine-Source Integrated Heat Pump (MS-IHP) for Space Conditioning, Water Heating, and Fresh Water Harvesting in Remote Coastal and Island Communities	\$12,000.00
Brister Jr., Herman	LA DoEd	2021-22 ESSER III EB Interventions	\$66,881.00
Brister Jr., Herman	LA DoEd	ESSERF II Formula	\$855,935.00
Brister Jr., Herman	LA DoEd	ESSER III Formula	\$2,812,036.00
Brister Jr., Herman	LA DoEd	Title I 2022-23	\$716,703.00
Brister Jr., Herman	LA DoEd	Direct Student Services (DSS) 2022-23	\$49,754.00
Brister Jr., Herman	LA DoEd	Title IV	\$56,966.00
Brister Jr., Herman	LA DoEd	Title IIA	\$116,921.00
Brown, Sandra	Tulane University	LA-CEAL: Louisiana Community-Engagement Research Alliance against COVID-19 in Disproportionately Affected Communities	\$51,087.00
Brown, Sandra	Tulane University	LA-CEAL: Louisiana Community-Engagement Research Alliance against COVID-19 in Disproportionately Affected Communities	\$6,476.00
Brown, Sandra	LA BOR	Nursing Capitation 2022-23	\$112,000.00
Brown, Sandra	LA BOR	Allied Health Nursing Capitation 2022-23	\$224,000.00
Carriere, Patrick	J.F. Drake State Community & Technical College	Drake State Engineering Frontiers Coalition	\$30,000.00
Carriere, Patrick	LA DOTD	2022 Southern University Summer Transportation Institute Program Statewide	\$50,000.00
Clark, Karen	Thurgood Marshall College Fund	Breastfeeding Attitudes, Knowledge, and Intention among African American Women in a WIC Program	\$12,500.00
Dawan, Fareed	Clarkson Aerospace Corporation	Materials and Manufacturing - Research on Two-Dimensional (2D) Materials and Manufacturing	\$62,476.00
Doucet, Patricia	U.S. DoEd	Talent Search Classic - Southern University and A&M College	\$545,321.00
Doucet, Patricia	U.S. DoEd	Talent Search Excel - Southern University and A&M College	\$277,375.00
Dubytska, Lidiya	NSF	Excellence in Research: Role of the T3SS Effectpr EseN of E. ictaluri in Virulence and Host Immune Response	\$145,000.00

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Dubyska, Lidiya	NIH	Role of Legionella pneumophila Lvh TIVSS in virulence	\$105,000.00
Ephrom, Desiree	U.S. DoEd	Experience Upward Bound	\$285,537.00
Ephrom, Desiree	U.S. DoEd	Ascension Upward Bound	\$287,537.00
Flowers-Benton, Susan	University of Iowa	Project PEER (Prevent, Egage, Empower and Respond)	\$103,205.00
Gao, Feng	LA BOR	High Pressure Experimental and Computational Study of High Energy Alloys	\$10,000.00
Henson, Xavier	Northwestern State University	Title IV-E Child Welfare Training	\$433,363.00
Jones, Nastassia	Pepperdine University	Asset-Based Learning Environments (ABLE)	\$360,000.00
Kight, Dawn	LA BOR	LOUIS OER Dual Enrollment Project/Library	\$9,600.00
Kourouma, Mathieu	University of Louisiana at Lafayette	RII Track-2 FEC: Precise Regional Forecasting via Intelligent and Rapid Harnessing of National Scale Hydrometeorological Big Data	\$110,000.00
Lacy, Fred	LA BOR	Plasmonic Nanoparticle Sensitized Ga2O3 Nanowire Based UV Photodetector	\$7,000.00
Lawson, Huey	U.S. DoEd	Title III HBCU	\$10,268,985.00
Lawson, Huey	U.S. DoEd	HBCU Program - FUTURE Act	\$1,726,367.00
Li, Guoqiang	LA BOR	Louisiana Materials Design Alliance (LAMDA)	\$227,684.00
Mackie, Kenneth	U.S. DoEd	Endeavour: Upward Bound Math and Science Program	\$297,601.00
Mackie, Kenneth	U.S. DoEd	Inspire Upward Bound	\$287,537.00
Martinez-Ceballos, Eduardo	LSU	CORE Liaison Fund: BCC Core Liaison	\$2,800.00
Martinez-Ceballos, Eduardo	Thurgood Marshall College Fund	Exploring the use of G5 Dendrimers for the Detection of SARS-COV-2 in Wastewater at Southern University	\$12,500.00
McDonald, Bonny	LA BOR	Frank Hayden Theater Rigging System Renewal: Reopening an Interdisciplinary Performance Space	\$106,965.00
McMeans, Orlando	USDA	Land Grant Scholarships for Students at Southern University and A&M College	\$505,263.16
Mensah, Patrick	LA BOR	Southern University - SREB/Board of Regents Fellowship Program	\$47,500.00
Mensah, Patrick	Alliance for Sustainable Energy, LLC	Southern University and A&M College: NREL Student Training in Applied Research (STAR) Internship Program	\$24,000.00
Mensah, Patrick	LA BOR	Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliances at Southern University and A&M College	\$64,505.00
Mensah, Patrick	LA BOR	Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliances at Southern University - Baton Rouge	\$220,241.00

Principal Investigator	Agency	Title	Amount
Mensah, Patrick	University of Delaware	Composite Manufacturing Technologies for Aerospace Performance at Automotive Production Rates	\$100,000.00
Mensah, Patrick	NSF	RII Track-2 FEC: Rapid Qualifications for Additively Manufactured Safety-Critical Components	\$1,000,000.00
Mensah, Patrick	Oak Ridge National Laboratory	High Efficiency Refrigerator with Thermal Energy Storage Enabling Demand Flexibility	\$42,000.00
Murthy, S.N.	LSU	Beneficial Effects of Methionine in Hepatic Inflammation Due to Hypercholesterolemia	\$19,000.00
Nelson-Smith, Kenyetta	USDA	Evaluation of a Virtual Classroom Assessment Scoring System (CLASS) Bootcamp: A Training for Undergraduate Students and Early Childhood Educators	\$147,875.00
Ning, Zhu	USDA	Climate Smart, Environmental Justice and Leadership Building - A Collaborative Approach	\$100,000.00
Onu, Chukwu	LA BOR	Constructing an Environmental Microbiology and Biotechnology Laboratory to Augment the Research and Education in the Department of Civil and Environmental Engineering at SUBR	\$100,000.00
Perry, Kristie	LA DCFS	Individual Development Account (IDA) Program	\$1,500,000.00
Perry, Kristie	BRPD	Justice Mental Health Research	\$134,851.00
Perry, Kristie	U.S. Department of Homeland Security	Targeted Violence and Terrorism Prevention Grant Program	\$160,000.00
Perry, Kristie	Ujima, Inc.	Southern University Ujima Program	\$100,000.00
Pitts, Maurice	LA Office of Cultural Development	Southern University Archives Building Cultural Education, Public Knowledge, and Kiosk Project	\$19,855.00
Reese, Terrence	LSU	The 2022 Space and Planetary Science at the Timbuktu Academy (2022 SPS-TA)	\$25,000.00
Reese, Terrence	LSU	Nanomaterial-enhanced Multifunctional Fiber Optic Sensors for Automated Radiation, Leakage, and Structural Integrity Monitoring and Probabilistic Risk Assessment in Nuclear Power Plants	\$29,992.00
Robinson, Angela	LA DoEd	Innovative Labs at Southern University Laboratory School	\$3,950.00
Robinson, Rhonda	U.S. DoEd	Apollo: Upward Bound Math and Science	\$287,537.00
Robinson, Rhonda	U.S. DoEd	Mercury: Upward Bound Math and Science	\$287,537.00
Robinson, Rhonda	U.S. DoEd	Southern University and A&M College Ronald E. McNair Post-baccalaureate Achievement Program	\$261,888.00

Principal Investigator	Agency	Title	Amount
Rosby, Raphyel	NSF	Excellence in Research: Elucidation of Conserved Eukaryotic Nucleolar and Ribosomal Stress Mechanisms	\$574,385.00
Ruiz, Derek	LA Workforce Commission	A Career Pathway for Quality Employment and Upward Mobility in STEMM Fields: Project STEMM-UP	\$1,835,879.00
Sagbansua, Lutfu	Greater New Orleans Development Foundation	H2theFuture: A Transformative Energy Cluster Strategy to Decarbonize South Louisiana	\$1,000,000.00
Scott-Stewart, Erin	LA BOR	Wraparound Educational Supports for Teacher Candidates [WEST-C]	\$198,000.00
Seo, Jung-Im	USDA	Enhancing the Hands-on Quilting Experience using the Existing Quilt Laboratory	\$149,997.00
Spurlock, Wanda	LA DHH	LA Women, Infants and Children (WIC) Program	\$120,745.00
Spurlock, Wanda	Thurgood Marshall College Fund	Disaster Preparedness among Older African American Adults	\$12,500.00
Stewart, Anthony	LA Department of Health	Stemming the Pool of Future Minority Clinicians at the Timbuktu Academy	\$500,000.00
Stubblefield, Michael	U.S. Department of Commerce	Southern University Reaching across the Digital Divide (SURADD): Connecting Minority Communities Pilot	\$6,227,200.00
Tolbert, Catrice	LA DHH	Mental Health First Aid and Prevention Professional Workforce Development Training	\$248,920.00
Tolbert, Catrice	Office of Behavioral Health	Statewide Louisiana Center for Prevention Resources (LCPR)	\$705,836.00
Turner, Julius	U.S. DoEd	Empower Upward Bound	\$287,537.00
Turner, Julius	U.S. DoEd	Concordia Upward Bound	\$287,537.00
Twumasi, Yaw	LSU	Satellite -Assisted Forecasting Environment for Improving Oyster Safety (SAFE OYSTER)	\$79,723.00
Twumasi, Yaw	LA BOR	Monitoring Coastal Erosion in Louisiana using NASA Earth Observation Data and Artificial Intelligence (AI) Technology	\$34,600.00
Uppu, Rao	LSU	Oxidative Biotransformation of Phenacetin by Cellular Oxidants, Peroxynitrite/CO2 and Hypochlorite/Hyochlorous Acid: Implications to the Mechanisms of Toxicity and Possible Biomarkers	\$9,500.00
Uppu, Rao	LSU	3-Nitro-5-chloro-L-Tyrosine, A Novel Biomarker for Inflammation: Synthesis and Development of Polyclonal Antibodies for Enzyme Immoassays and Histochemical Applications	\$9,500.00
Wang, Weihua	LA BOR	Dendrimer-mediated Synthesis of Multimetallic Alloy Nanoparticles	\$10,000.00

<b>Principal Investigator</b>	<b>Agency</b>	<b>Title</b>	<b>Amount</b>
Washington, Samuel	The Boeing Company	Boeing SLS Project: Weetech Testing and Wire Harness	\$134,897.39
Washington, Samuel	The Boeing Company	Boeing SLS Project: Weetech Testing and Wire Harness	\$194,901.77
Williams, Timothy	U.S. DoEd	Enterprise Upward Bound	\$297,600.00
Williams, Timothy	U.S. DoEd	Discovery: Upward Bound Math and Science Program	\$297,601.00
Wilson, Sonia	LA DCFS	Micro-Enterprise Development (MED) Program 2022-23	\$600,000.00
Womack-Bell, Ada	LSU	Small Business Development Centers	\$175,315.55
Yan, Cheng	LA BOR	Machine Learning Assisted Discovery of Multifunctional Thermoset Polymers	\$34,600.00
Yang, Shizhong	North Carolina Central University	Consortium for Nuclear Security Advanced Manufacturing Enhanced by Machine Learning (NSAM-ML)	\$170,000.00
Yang, Shizhong	The University of Alabama	RII Track-2 FEC: IGM--A Framework for Harnessing Big Hydrological Datasets for Integrated Groundwater Management	\$49,752.00
Yang, Shizhong	LA BOR	Machine Learning Study on Radiation Alloys Design	\$5,000.00
Yi, Xiaoping	LSU	Center for Pre-Clinical Cancer Research	\$210,000.00
Young, Luria	NSF	Collaborative Research: LIGO-SEC Partnership - Strengthening Communities of Learners	\$500,000.00
Zeng, Congyuan	LA BOR	Design Alloys Suitable for Laser Powder Bed Fusion Process and Hole Repairing in Aluminum Plates with Additive Friction Stir Deposition	\$34,600.00
Zhang, Congyan	LA BOR	Investigation on the Electronic Properties of CCAs under High Pressure	\$7,500.00
Zhao, Guang-Lin	U.S. Department of the Army	Electric Field Polarization on Heteroatoms Doped Carbon Nanomaterials and Their Electrocatalytic Properties	\$213,600.00
Zhao, Guang-Lin	NSF	Partnership for Research and Education on Molecules at High Pressures	\$746,858.00
Zhao, Guang-Lin	Office of Naval Research	Exploration of New Multifunctional Polymer Nano-Composite for Electromagnetic Wave Absorption and Light Weight Structural Materials	\$225,000.00
<b>TOTAL - 110</b>			<b>\$43,714,677.87</b>

**COVID Funds**

<b>Principal Investigator</b>	<b>Agency</b>	<b>Title</b>	<b>Amount</b>
Stubblefield, Michael	LA Department of Health	Southern University Increasing Clinicians of Diversity Health Equity Workforce Education, Training and Outreach Programs	\$5,000,000.00