

**Proposals Submitted  
July 1, 2023 - June 30, 2024**

Principal Investigator	Agency	Title	Amount
Agu, Ogad	LSU	Engineered and Functionalized Au-SPIONs for Selective Cytotoxicity and Tumoricidal Activity	\$214,500.00
Andrews, Donald	U.S. Department of Commerce	University Center for Economic and Entrepreneurial Development	\$650,000.00
Banks, Maya	Institute of Museum and Library Services	Empowering Libraries by Illuminating Futures through the HBCU Excellence Initiative	\$238,000.00
Batra, Sanjay	LSU	Southern University and A&M College MCBC Core Liaison	\$2,800.00
Batra, Sanjay	NSF	Graduate Research Fellowship Program	\$159,000.00
Batra, Sanjay	LA BOR	Shifting Roles of Ribosomal Proteins in Stressed Lung Epithelial Cells: Exploring Resilience through Melatonin	\$134,848.00
Batra, Sanjay	LSU	Cracking the Code of Vaping-Induced Lung Inflammation: Epigenetic and Functional Insights	\$283,592.00
Batra, Sanjay	NSF	Supplement: Excellence in Research: Stressed-Induced Expression and Release of DAMPs: Regulatory Role of Epigenetic Factors and Post-Transitional Modifications	\$48,344.00
Batra, Sanjay	LSU	Moonlighting Extra-Ribosomal Functions of RACK1 and RPS27L in DPE-challenged Lung Epithelial Cells	\$19,000.00
Batra, Sanjay	LSU	The Hidden Dangers of Vaping: A Deep Dive into Exosome Dynamics and Proteasome Activity E-Cigarette Exposed Lung Cells	\$7,500.00
Batra, Sanjay	LSU	Deciphering the Molecular Mechanisms of Multiwalled Carbon Nanotube-Induced Inflammation in Lung Epithelial Cells: A Proteomic and Microscopy Approach	\$7,500.00
Batra, Sanjay	LSU	The Role of PCP and TCHQ in Modulating the P13K/Akt Signaling Pathway: Implications for Environmental Carcinogenesis	\$7,500.00
Batra, Sanjay	LSU	Possible Role of Exosome-Mediated Regulation of NLRP3-dependent Stress Response in DPE-Challenged Lung Epithelial Cells	\$7,500.00
Batra, Sanjay	LSU	Moonlighting Extra-ribosomal Functions of RACK1 and RPS27L in DPE-Challenged Lung Epithelial Cells	\$19,000.00

Principal Investigator	Agency	Title	Amount
Belu, Radian	Oak Ridge Institute for Science and Education	Using Molecular Microgrids and DC Nanogrids to Provide Emergency Service in the Aftermath of Extreme Events	\$99,063.40
Belu, Radian	LA BOR	Feasibility of Multi-scale Engineering Analysis of Renewable Energy Systems	\$5,000.00
Belu, Radian	LA BOR	Multi-scale Engineering Approach to Assess Photo-voltaic System Efficiency	\$5,000.00
Beshera, Kebede	LA BOR	Technology Enhancement for Human Anatomy and Physiology Course Instruction at Southern University and A&M College [SUBR]	\$119,516.16
Campbell, Yolanda	LA BOR	Meeting the Moment: Revitalizing Curriculum, Facilities, and Instruction for Southern University's Department of Mass Communication	\$914,138.00
Chamcheu, Jean Christopher	LSU	Preclinical Efficacy Studies of Potent Anti-cancer Garcinia Kola Nuts Kolanviron-enriched Extracts	\$7,500.00
Chamcheu, Jean Christopher	NIH	Harnessing the Potential of Pharmacological Small Molecules to Amplify VSV-based Oncolytic Viral Therapy	\$408,965.00
Chappell, Christopher	USDA	ECO LEADERS: Building a Workforce Pipeline through Natural Resource Leadership, Recruitment, and Career Skill Enhancement	\$299,888.34
Clinkenbeard, Mary	Modern Language Association	Hyping HBCU Humanities: A Data-Driven Project for Student Recruitment and Support at Southern University	\$10,000.00
Clinkenbeard, Mary	LA BOR	Humanities for the 21st Century: Creating a Writing Makerspace and Library in the English and Philosophy Department at Southern University	\$124,765.00
Dawan, Fareed	U.S. DOE	Energizing Minds through Advanced Clean Energy Education (EMACE) - Inspires	\$40,000.00
Dawan, Fareed	U.S. DoD	Phased Array Systems for Education (PhASEd)	\$744,718.90
Dawan, Fareed	NSF	EPSCoR Research Fellows: @NASA: Magneto-Antennas: Exploring the Potential of Magneto-Sensitive Phased Array Antennas	\$300,000.00
Dubytska, Lidiya	NSF	Role T3SS Effectors in E. ictaluri Virulence	\$1,312,116.00
Gray, Wesley	LSU	LSU Superfund Research Center	\$70,000.00
Gray, Wesley	LSU	Mechanism of Action of Plant Derive Antimicrobial Agents in Health and Disease	\$273,100.00
Hines, Revathi	LSU	RII Track-2 FEC: Advancing Climate Resilience through Equity-Driven System-of-Systems in Coastal Communities	\$156,332.00
Hossain, Md Ekhtear	LSU	Role of the SARS-CoV-2 Spike (S1) Protein on LOX-1 Receptor Expression in Macrophages	\$64,970.00

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Hossain, Md Ekhtear	LSU	Role of the SARS-Co-V-2 Spike (S1) Protein on LOX-1 Receptors Expression in Macrophages	\$64,755.45
Ismail, Yasser	U.S. DoD	Improving Machine Learning-Based Navy Applications Skills of Underrepresented Groups in STEM through Capstone and Senior Research Projects	\$427,348.00
Ismail, Yasser	LA BOR	Efficient Internet of Video Surveillance Systems [IoVSS] for Smart Cities	\$148,031.00
Ismail, Yasser	NSF	Targeted Infusion Project: Enhancing a Successful STEM Educational Model in the Electrical Engineering Program at Southern University and A&M College	\$399,998.00
Ismail, Yasser	NSF	Excellence in Research: FD2-ML: High Fidelity Fatigue Drivers Detection Based Machine Learning System over the Internet of Things	\$712,190.00
Ismail, Yasser	Thurgood Marshall College Fund	Using Machine Learning Algorithm in Cancer Level Classification: Prostate Cancer as a Case Study	\$25,000.00
Ismail, Yasser	LA BOR	Advanced Automated Drug and Alcohol Detection System for Louisiana Drivers	\$5,000.00
Ismail, Yasser	LA BOR	Integrating Machine Learning with Additive Manufacturing for Enhanced Material Performance	\$5,000.00
Ismail, Yasser	LA BOR	Next-Generation Materials Design: Enhancing Additive Manufacturing through Machine Learning	\$5,000.00
Ismail, Yasser	University of Notre Dame	SII-Center: SpectrumX - Broadband Mapping using Smartphones (Broadband MAP US)	\$78,639.99
Ismail, Yasser	University of Florida	Rural Autonomous Vehicle Program: Mobility of People in Rural and Tribal Communities	\$899,969.00
Ismail. Yasser	LA BOR	Advancingg Precision Control: A 6-DOF Robotic Arm with Haptic Feedback using Machine Learning	\$5,000.00
Jackson, Lynette	LA BOR	Progress on Contouring Tree-Based AMR Grids	\$5,000.00
Jackson-Osagie, Emily	LSU	AI-Integration in Mathematics Teacher Education: Fostering Prospective Mathematics Teachers' Productive Struggle and Distribution (AIM-TEACH)	\$63,999.00
Jackson-Osagie, Emily	BSCS Science Learning	ESLO - Engaging Science Learning with OpenSciEd	\$399,995.00
Johnson, Tanganika	LSU	Benefits of Enhanced Governance of OSS (BEGOSS)	\$299,999.00
Kight, Dawn	Institute of Museum and Library Services	HBCU Louisiana Libraries Collaborative (HBCU-LLC)	\$149,520.00
Kight, Dawn	Oak Ridge Associated Universities	Improving Research Capacity at Southern University	\$40,000.00

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Krishnappa, Krutthika	LA BOR -Cybersecurity Education Management Council	Empowering Cybersecurity Leaders by Establishing an Executive Master's Program in Cybersecurity and Offering Mentorship Programs and Industry-Partnered Certificates	\$185,810.00
Lacy, Fred	AIM-AHEAD	A Machine Learning Model for Cancer Detection and Reduction in the African American Community (Phase II)	\$149,996.00
Landor, Jarrett	LA BOR	Acquisition of High-Performance Computers and Large Storage Instruments to Enhance Research and Education in Big Data Science and Artificial Intelligence: The Nelson Mandela College of Government and Social Sciences SMART Technology Lab	\$102,225.00
Lee, Dongkeun	NSF	RIA: Comprehensive Study on Developing More Effective, Durable, and Resilient Buckling Restrained Braces (BRBs) and Self-Centering (SC) BRBs (SC BRBs)	\$449,942.02
Lee, Dongkeun	LA BOR	Development of More Reliable, Durable. and Sustainable Buckling Restrained Braces [BRBs] using Corrosion-resistant Materials and Pozzolans	\$169,395.00
Martinez-Ceballos, Eduardo	LSU	Southern University and A&M College LBRN BBCC Liaison Funds	\$2,800.00
Martinez-Ceballos, Eduardo	NSF	CREST HBCU-RISE: Enhancement of Mitochondrial Research and Educational Infrastructure	\$1,199,875.00
Martinez-Ceballos, Eduardo	LSU	Mechanism of HOXA1 Action in Breast Cancer Cells	\$71,484.00
Martinez-Ceballos, Eduardo	LSU	Oncolytic Virus Induced PANoptosis Mediated Cell Death in Glioblastoma	\$7,500.00
Mellieon, Jr., Harold	LA BOR	jAGs of the Future: Enhancing Student Learning and Engagement beyond the Classroom	\$182,500.00
Mellieon-Williams, Francesca	LA DOTD	Southern University and A&M College SU-STEM/NSTI Program 2024	\$50,000.00
Mensah, Patrick	University of Connecticut	Tri-State Partnership to Empower Carbon Capture and Utilization with Revolutionary Rechargeable Aluminum-CO2 Batteries	\$380,000.00
Mensah, Patrick	U.S. DoD	Acquisition of a Multi-material Laser Powder Bed Fusion Equipment for Advanced Manufacturing Research and Education	\$739,699.82
Mensah, Patrick	University of New Orleans	Gulf Coast Offshore Wind Center of Excellence	\$150,000.00
Mensah, Patrick	LA BOR	Southern University - SREB/Board of Regents Fellowship Program 2024-2027	\$90,000.00
Mensah, Patrick	NSF	CREST Phase I Preliminary Proposal: Center for Machine Learning Assisted Additive Manufacturing of Advanced Materials (ML-(AM)2)	
Mensah, Patrick	LA BOR	Machine Learning Assisted Design of Vitrimers for 4D Printing Lightweight Composite Structures	\$276,000.00

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Mensah, Patrick	NSF	MRI: Acquisition of a Multi-material Laser Powder Bed Fusion Equipment for Advanced Manufacturing Research and Education	\$1,387,324.00
Mensah, Patrick	LSU	Southern University and A&M College LBRN Administrative Funds	\$10,500.00
Mensah, Patrick	Auburn University	Enabling Model-Assisted, Rapid Qualification for Additively Manufactured Metallic Parts	\$215,000.00
Mensah, Patrick	NSF	IRES Track I: Advancing Sustainable Supercapacitors: Synthesis, Characterization, Fabrication with Machine Learning Prediction for Enhanced Capacitance and Extended Useful Life	\$450,000.00
Mensah, Patrick	LA BOR	Advancing Material Technologies: Machine Learning in Polymer Design and Hot Forging for Metals	\$64,600.00
Mensah, Patrick	Office of the Director of National Intelligence	Southern University System and Grambling State University Intelligence Community-Center for Academic Excellence (SUS-GSU IC-CAE): Advancing STEM Partnerships in Intelligence through Research and Education	\$2,500,000.00
Mensah, Patrick	U.S. DoEd	Southern University Baton Rouge Research and Development Infrastructure Initiative	\$5,000,000.00
Morton, Jodi	Kroger	Increasing Food Access and Reducing Food Waste among HBCU Students	\$5,000.00
Murthy, S.N.	LSU	Bacterial Lipopolysaccharide Mediated (Dysbiosis) Liver Cirrhosis is Accelerated by High Cholesterol Diet	\$7,500.00
Murthy, Subramanyam	NSF	NSF Graduate Research Fellowship Programs	\$159,000.00
No, Sung	LSU	NEXUS: Harnessing Open HPC through HPX	\$220,000.00
Okwan, Phyllis	LA BOR	Using Smartphone Technology on Real-time Soil Classification	\$5,000.00
Perry, Kristie	U.S. Department of Homeland Security	SU Targeted Terrorism Prevention	\$350,000.00
Perry, Kristie	Southeast Community Health Systems	Community Level Innovations for Improving Health	\$60,000.00
Pete, Joseph	University of Michigan	Community-engaged Participatory Research to Address Structural Barriers to Employment for Young African-American Men with Substance Use Disorder and History of Incarceration: A Qualitative Study	\$175,000.00
Raufu, Abiodun	NSF	Exploring the Nexus between Intimate Partner Violence and Firearm-related Deaths among African Americans in Louisiana	\$175,008.00
Reed, Misty	LA BOR	JAG-U: Joining Abilities and Growth University. Inclusive Education on the Bluff	\$80,000.00

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Sagbansua, Lutfu	LSU	Gulf Louisiana Offshore Wind (GLOW) Tech Hub - Governance	\$237,397.72
Sagbansua, Lutfu	LSU	Gulf Louisiana Offshore Wind (GLOW) Tech Hub - Workforce	\$499,362.73
Scott-Stewart, Erin	NSF	CAREER: Leveraging Mixed Methods Research Synthesis to Investigate and Interpret Research in Culturally Sustaining Science Teacher Education	\$1,158,920.00
Scott-Stewart, Erin	Rochester Institute of Technology	Improving STEM Education Project Design with Professional Development for Emerging Education Researcher	\$147,242.00
Scott-Stewart, Erin	U.S. DOE	Jaguar Success Academy: Holistically Supporting Retention and Completion for First-Year Students	\$4,000,000.00
Seo, Jung-Im	LA BOR	Enhancement of Learning Quality and Students' Design Hands-on Experiences through Computer Technological Support in Fashion Merchandising Design and Textiles	\$173,475.20
Spurlock, Wanda	American Nurses Foundation	Perceived Stress and Health Promoting Lifestyle Behaviors Among African American Registered Nurses	\$150,000.00
Stewart, Anthony	IBM	Expanding Quantum Education and Research at Southern University	\$50,000.00
Stewart, Anthony	University of Texas Rio Grande Valley	Gulf Coast Research Alliance for Training in Science and Technology for Energy Manufacturing (GREAT in STEM)	\$1,000,000.00
Thomas-Fuller, Gloria	NSF	S-STEM: Jags for Jags - Academic Success through Peer and Hierarchical Mentoring (J4J)	\$2,000,000.00
Trivedi, Sudhir	LSU	Theme 1: AI Institute for Multi-diagnostic Astronomy	\$3,749,420.00
Trivedi, Sudhir	NSF	Collaborative Research: CISE MSI: RPEP: OAC: Macroscopic and Microscopic Inference and Analysis of Vulnerabilities within EV Charging Management Systems	\$280,000.00
Uppu, Rao	NSF	Graduate Research Fellowship Program	\$159,000.00
Uppu, Rao	LSU	Dual Labeling of Au-SPIONs with LHRH and Atheronals-A/B for Selective Cytotoxicity and Tumoricidal Activity	\$286,000.00
Uppu, Rao	LSU-Shreveport	Data-Driven Estimation and Chemical Investigation of Particulate Matter, Cancer, and Community Engagement	\$109,566.00
Uppu, Rao	LSU	Synthesis and Redox Properties of Pyocyanin-Folic Acid Conjugates: A Potential Therapeutic Approach to Folic Acid Receptor-Overexpressing Tumors	\$9,500.00
Uppu, Rao	LSU	Understanding the Mechanisms of Toxicity of 4-Alkoxyacetanilides through Metabolomic and Global Proteomic Analysis	\$9,500.00
Uppu, Rao	LSU	Dual Labeling of Au-SPIONS with LHRH and Doxorubicin Fort Selective Cytotoxicity in LHRH Receptor Overexpressing Tumor Cells	\$22,077.00

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Vance, Crystal	Southern Sustainable Agriculture Research & Education (SARE)	Is Your Soil Sick? Maintaining a Healthy Soil for a Sustainable Future	\$47,527.18
Wang, Weihua	LA BOR	Synthesis of Plasmonic Nanoparticles with Tunable Optical Properties	\$10,000.00
Williams, Christopher	Institute of Education Sciences	Diversity, Equity, and Inclusion and Secondary Outcomes for Students with Disabilities (DEI-SOSWD)	\$1,700,000.00
Womack-Bell, Ada	LSU	Louisiana Small Business Development Center at Southern University	\$332,851.93
Yan, Chen	LA BOR	Customizing Fire-Resistant Shape Memory Vitrimer with Machine Learning Innovations	\$39,264.00
Yan, Cheng	NSF	CAREER: Advancing Shape Memory Vitrimers: Machine Learning for Discovery and Thermomechanical Modeling	\$587,218.00
Yan, Cheng	NSF	RII Track-2 FEC: Advancing Climate Neutrality in Farming Communities through Upcycling Natual Fiber Reinforced Fireproof Vitrimer Composites	\$5,999,999.00
Yan, Cheng	LA BOR	Physics-Informed Machine Learning for Constitutive Modeling of Thermoset Shape Memory Polymers	\$9,000.00
Yang, Shizhong	U.S. DoD	Acquisition of a Raman Spectroscope for Extreme Environment Materials Characterization	\$249,955.00
Yang, Shizhong	U.S. DoD	An Integrated Machine Learning Study on Materials under Extreme Environments	\$999,994.44
Yang, Shizhong	LA BOR	Machine Learning Based Complex Concentrated Alloys Interatomic Potentials Building	\$5,000.00
Yin, Hang	NSF	Collaborative Research: Frameworks: Cyberinfrastructure for Unified Multimode and Multiscale Tomography of Heterogeneous Materials (See-iTomo)	\$199,714.00
Ysasi, Noel	University of Michigan	From Bias to Inclusion: A Mixed-Methods Approach to Understanding and Addressing Employment Barriers for People with Disabilities	\$100,000.00
Zeng, Congyuan	LA BOR	Engineering Durable Dissimilar Metal Joints: A Solid-State Fabrication Approach Using Additive Friction Stir Deposition	\$150,567.00
Zeng, Congyuan	NSF	Excellence in Research: Engineering Durable Dissimilar Metal Joints: A Solid-State Fabrication Approach using Additive Friction Stir Deposition	\$896,186.00
Zhao, Guang-Lin	University of Rochester	Inertial Confinement Fusion Program	\$530,913.00
<b>TOTAL - 118</b>			<b>\$51,459,410.28</b>



**Proposals Funded**  
**July 1, 2023 - June 30, 2024**

Principal Investigator	Agency	Title	Amount
Akwaboa, Stephen	Jet Propulsion Laboratory	Planetary Cloud Aerosol Research Facility	\$36,517.00
Andrews, Donald	U.S. Department of Commerce	University Center for Economic and Entrepreneurial Development	\$130,000.00
Andrews, Donald	Alliant Insurance Foundation	Alliance Insurance Foundation Degree Program of Risk Management and Insurance in the College of Business at Southern University and A&M College	\$117,500.00
Batra, Sanjay	LSU	Southern University and A&M College MCBC Core Liaison Funds	\$2,800.00
Batra, Sanjay	NSF	Excellence in Research: Stress-induced Expression and Release of DAMPs: Regulatory Role of Epigenetic and Post-translational Modifications	\$48,344.10
Batra, Sanjay	LSU	Louisiana Biomedical Research Network Project	\$19,000.00
Belu, Radian	Oak Ridge Institute for Science & Education (ORISE)	Using Modular Microgrids and DC Nanogrids to Provide Emergency Service in the Aftermath of Extreme Events	\$99,063.40
Beshera, Kebede	LA BOR	Technology Enhancement for Human Anatomy and Physiology Course Instruction at Southern University and A&M College (SUBR)	\$119,516.00
Brister, Jr., Herman	LA DoEd	Title I 2023-24	\$1,857,794.00
Brister, Jr., Herman	LA DoEd	Title II 2023-24	\$104,583.00
Brister, Jr., Herman	LA DoEd	Direct Student Services (DSS) 2023-24	\$40,883.00
Brister, Jr., Herman	LA DoEd	Title IV-SSAE 2023-24	\$112,280.00
Brown, Sandra	Tulane University	Community-Engagement Research Alliance against COVID-19 in Disproportionately Affected Communities (CEAL)	\$26,282.00
Brown, Sandra	LA BOR	Allied Health Capitation Program	\$112,000.00
Brown, Sandra	LA BOR	Nursing Capitation Program	\$224,000.00
Brown, Sandra	LA BOR	Regional Health Partnership (So Great)	\$249,500.00



Principal Investigator	Agency	Title	Amount
Carriere, Patrick	LA Department of Economic Development	Interagency Cooperative Endeavor Agreement: Increase Computer Science and Related Field Graduates	\$140,625.00
Clickenbeard, Mary	LA BOR	Humanities for the 21st Century: Creating a Writing Makerspace and Library in the English and Philosophy Department at Southern University	\$124,765.00
Dawan, Fareed	U.S. DOE	Energizing Minds through Advanced Clean Energy Education (EMACE) - Inspires	\$40,000.00
Dawan, Fareed	U.S. DOE	Energizing Minds through Advanced Energy Education (EMACE) - Partnerships	\$100,000.00
Doucet, Patricia	U.S. DoEd	Talent Search Excel - Southern University and A&M College	\$288,470.00
Doucet, Patricia	U.S. DoEd	Talent Search Classic - Southern University and A&M College	\$567,134.00
Dubytska, Lidiya	NSF	Excellence in Research: Role of the T3SS Effectpr EseN of E. ictaluri in Virulence and Host Immune Response	\$68,560.00
Dubytska, Lidiya	NIH	Role of Legionella pneumophila Lvh TIVSS in virulence	\$105,000.00
Ephrom, Desiree	U.S. DoEd	Ascension Upward Bound	\$299,038.00
Ephrom, Desiree	U.S. DoEd	Experience Upward Bound	\$296,958.00
Flowers, Donetta	U.S. DoEd	Columbia: Upward Bound Math and Science	\$299,038.00
Flowers-Benton, Susan	University of Iowa	Project PEER (Prevent, Egage, Empower and Respond)	\$94,367.00
Frank, Norma	NSF	Conference: An HBCU Partnership to Enhance Research Support Services and Technical Training	\$100,000.00
Franklin, Faithyia	U.S. DoEd	Mercury: Upward Bound Math and Science	\$299,038.00
Gao, Feng	LA BOR	Experiment and Computational Study of High Entropy Alloys under High Pressure	\$10,000.00
Grimes, Christopher	LA Endowment for the Humanities	2024 Emergency Mitigation and Preparedness Grant	\$10,000.00
Henson, Xavier	Northwestern State University	Title IV-E Child Welfare Training Program	\$1,992,162.00
Ismail, Yasser	LA BOR	Advancing Precision Control: A 6-DOF Robotic Arm with Haptic Feedback Using Machine Learning	\$5,000.00
Ismail, Yasser	LA BOR	Advanced Automated Drug and Alcohol Detection System for Louisiana Drivers	\$5,000.00
Ismail, Yasser	LA BOR	Integrating Machine Learning with Additive Manufacturing for Enhanced Material Performance	\$5,000.00
Jackson, Anthony	United Negro College Fund	UNCF Capital One Kickoff Grant	\$150,000.00
Jackson, Lynette	LA BOR	Progress on Contouring Tree-Based AMR Grids	\$5,000.00

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Jackson-Osagie, Emily	NSF	Diversifying STEM Teacher Education via Evidence-based Instruction and Authentic Research Experiences	\$656,653.00
Jackson-Osagie, Emily	BSCS Science Learning	ESLO - Engaging Science Learning with OpenSciEd	\$52,305.00
Johnson, Joycelyn	Justice and Security Strategies, LLC	Small Rural Tribal Body Worn Camera Program	\$15,000.00
Johnson, Joycelyn	U.S. DoJ	Southern University Police Department Crisis Intervention Team	\$351,568.00
Johnson, Melissa	Tulane University	Collaborating to Increase Diversity in Nutrition and Dietetics	\$90,000.00
Kight, Dawn	Oak Ridge Associated Universities	Improving Research Capacity at Southern University	\$40,000.00
Kourouma, Mathieu	NSF	Collaborative Research: IRES Track I: Wireless Federated Fog Computing for Remote Industry 4.0 Applications	\$141,720.00
Krishnappa, Krutthika	LA BOR	Empowering Cybersecurity Leaders by Establishing an Executive Master's Program in Cybersecurity and Offering Mentorship Programs and Industry-Partnered Certificates	\$185,810.00
Lacy, Fred	University of North Texas Health Science Center @ Fort Worth	A Machine Learning Model for Cancer Detection and Reduction in the African American Community	\$100,000.00
Lawson, Albertha	NSF	Enhancing Addictive Manufacturing with Cybersecurity and Virtual Reality	\$517,150.00
Lawson, Albertha	LDH - Office of Public Health	Immersive Community Leadership Emergency Readiness Training (ICLERT)	\$2,000,000.00
Lawson, Huey	U.S. DoEd	Title III Part B, Strengthening Historically Black Colleges and Universities Program	\$8,601,700.00
Li, Guoqiang	LA BOR	Louisiana Materials Design Alliance (LAMDA)	\$227,684.00
Mackie, Kenneth	U.S. DoEd	Inspire Upward Bound	\$299,038.00
Mackie, Kenneth	U.S. DoEd	Endeavour: Upward Bound Math and Science Program	\$309,505.00
Martinez-Ceballos, Eduardo	LSU	Southern University and A&M College LBRN Liaison Funds	\$2,800.00
McComb, Jacqueline	LSU	The Mississippi River Delta Transition Initiative (MissDelta)	\$78,883.00
McMeans, Orlando	USDA	Land Grant Scholarships for Students at Southern University and A&M College	\$1,026,315.37
Mellieon-Williams, Francesca	LA DOTD	Southern University and A&M College SU-STEM/NSTI Program 2023	\$50,000.00

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Mellieon-Williams, Francesca	LA DOTD	Southern University and A&M College SU-STEM/NSTI Program 2024	\$50,000.00
Mensah, Patrick	LA BOR	Southern University and Board of Regents Doctoral Support Initiative 2023-2026	\$17,500.00
Mensah, Patrick	LSU	Southern University and A&M College LBRN Admin Funds	\$10,500.00
Mensah, Patrick	LSU	Enhancement of Research Infrastructure at SUBR - LBRN Carryforward	\$331,053.00
Mensah, Patrick	LA BOR	Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliances at Southern University - Baton Rouge	\$219,648.00
Mensah, Patrick	LA BOR	Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliances at Southern University and A&M College	\$65,910.00
Mensah, Patrick	University of Delaware	Composite Manufacturing Technologies for Aerospace Performance at Automotive Production Rates	\$100,000.00
Mensah, Patrick	LA BOR	Advancing Material Technologies: Machine Learning in Polymer Design and Hot Forging Metals	\$64,600.00
Mensah, Patrick	NSF	RII Track-2 FEC: Rapid Qualifications for Additively Manufactured Safety-Critical Components	\$1,000,000.00
Mensah, Patrick	U.S. DoEd	Southern University Baton Rouge Research and Development Infrastructure (RDI) Initiative	\$4,999,999.00
Murthy, S.N.	LSU	Studies on the Beneficial Role of Methionine in Countering the Initiation and Progression of NAFLD	\$56,000.00
Okwan, Phyllis	LA BOR	Using Smartphone Technology on Real-time Soil Classification	\$5,000.00
Perry, Kristie	LA DCFS	Individual Development Account (IDA) Program	\$600,000.00
Perry, Kristie	Capital One	IDA Support	\$29,000.00
Perry, Kristie	Cummunity Resources for Justice, Inc.	The Louisiana Justice Reinvestment Initiative Assessment	\$500,000.00
Perry, Kristie	Ujima, Inc.	Southern University Ujima Program	\$175,000.00
Perry, Kristie	Allstate Foundation	Self Help Allstate Ujima	\$2,500.00
Perry, Kristie	Baton Rouge Police Department	FY 19 Baton Rouge Community Bassed Crime Reduction (CBCR) Initiative	\$200,000.00
Perry, Kristie	U.S. DOJ	Southern University Stop the Violence Against Women	\$400,000.00
Pugh, Eric	U.S. DoEd	Apollo: Upward Bound Math and Science	\$299,038.00

Principal Investigator	Agency	Title	Amount
Robinson, Rhonda	U.S. DoEd	Southern University and A&M College Ronald E. McNair Post-baccalaureate Achievement Program	\$272,364.00
Ruiz, Derek	University of Michigan	Michigan Retirement and Disability Research Center: Developing a Survey to Understand Barriers to Applying for Disability Insurance	\$15,235.00
Sagbansua, Lutfu	LSU	NSF Engines: Louisiana Energy Transition Engine - Future Use of Energy in Louisiana (FUEL)	\$127,610.00
Spurlock, Wanda	LA DHH	LA Women, Infants and Children (WIC) Program	\$118,723.00
Spurlock, Wanda	American Nurses Foundation	Workplace Racism, Perceived Stress, and Health Promoting Lifestyle Behaviors Among African American Registered Nurses	\$113,000.00
Spurlock, Wanda	Thurgood Marshall College Fund	Disaster Preparedness among Older African American Adults	\$12,500.00
Stewart, Anthony	LSU	2023 Space and Planetary Science at the Timbuktu Academy (SPA-TA)	\$25,000.00
Stewart, Anthony	U.S. DOE	Reaching an Advanced Computing Technologies Workforce through Education Initiatives in Quantum Information Science and Engineering	\$150,000.00
Stewart, Anthony	South Dakota School of Mines and Technology	RII Track-2 FEC: The IceCube EPSCoR Initiative (IEI) - IceCube and the Data Revolution	\$138,840.00
Tolbert, Catrice	Office of Behavioral Health	Statewide Louisiana Center for Prevention Resources (LCPR)	\$320,836.00
Tolbert, Catrice	LA Department of Health	Statewide Media Campaign	\$1,615,000.00
Trivedi, Sudhir	Supreme Rice, LLC	Expand Markets for Climate-Smart Rice in LA and AR and Support Farmer Implementation and Monitoring of Climate-Smart Practices that Reduce Greenhouse-Gas Emissions or Sequester Carbon	\$611,537.60
Turner, Julius	U.S. DoEd	Empower Upward Bound	\$299,038.00
Turner, Julius	U.S. DoEd	Concordia Upward Bound	\$299,038.00
Uppu, Rao	LSU	Oxidized Cholesterol in Amyloid Aggregation and Neuronal Cell Apoptosis - LBRN Carryforward	\$70,000.00
Wang, Weihua	LA BOR	Synthesis of Dichroic Metal Nanoparticles by Chemical Reduction Methods	\$10,000.00
Williams, Timothy	U.S. DoEd	Discovery: Upward Bound Math and Science Program	\$309,505.00
Williams, Timothy	U.S. DoEd	Enterprise Upward Bound	\$309,504.00
Wilson, Sonia	LA DCFS	Micro-Enterprise Development (MED) Program 2022-23	\$400,000.00

Principal Investigator	Agency	Title	Amount
Womack-Bell, Ada	LSU	Small Business Development Centers	\$157,595.55
Wright, Quiana	LA BOR	Open Educational Resources Initiative	\$40,000.00
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	Elizabeth City State University	Nuclear Security, Advanced Manufacturing Enhanced by Machine Learning Phase II (NSAM-ML2)	\$170,000.00
Yang, Shizhong	LA BOR	Machine Learning Based Complex Concentrated Alloys Interatomic Potentials Building	\$5,000.00
Yin, Hang	University of Massachusetts Amherst	FMRG: ECO: Carbon-Inverted Manufacturing of Inverted Cements (CIMIC)	\$346,168.00
Young, Luria	NSF	Collaborative Research: LIGO-SEC Partership - Strengthening Communities of Learners	\$1,000,000.00
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	LSU	Spark Plasma Heat Treatment of Metallic Parts by Laser Powder Bed Fusion Additive Manufacturing	\$35,000.00
Zeng, Congyuan	LA BOR	Engineering Durable Dissimilar Metal Joints: A Solid-State Fabrication Approach Using Additive Friction Stir Deposition	\$44,198.00
Zhao, Guang-Lin	NSF	Partnership for Research and Education on Molecules at High Pressures	\$153,142.00
Zhao, Guang-Lin	U.S. Department of the Army	Electric Field Polarization on Heteroatoms Doped Carbon Nano-materials and Their Electrocatalytic Properties	\$121,672.04
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
Zhao, Guang-Lin	University of Rochester	Inertial Confinement Fusion Program	\$50,000.00
Zhao, Guang-Lin	U.S. Department of the Army	Electric Field Polarization on Heteroatoms Doped Carbon Nano-materials and Their Electrocatalytic Properties	\$31,000.00
<b>TOTAL - 111</b>			<b>\$39,863,355.06</b>

**COVID Funds**

Principal Investigator	Agency	Title	Amount
Stubblefield, Michael	Louisiana Department of Health	Southern University Increasing Clinicians of Diversity Health Equity Workforce Education, Training and Outreach Programs	\$10,000,000.00