PROPOSALS SUBMITTED FY 2025-26

Principal Investigator	Agency	Title	Amount
Andrews, Donald	Minority Business Development Agency	Entrepreneurship and Technology Commercialization Program (ETCP)	$977,266.00
Banks, Maya	Council on Library and Information Resources (CLIR)	SU MUSIC: Southern University Music and Sound Archives Initiative	$19,000.00
Batra, Sanjay	Grambling State University	Cellular Impact of Diesel Particulate Extract: Integrating Biomarker Analysis and STEM Workforce Development in Louisiana	$5,000.00
Batra, Sanjay	NSF	Excellence in Research: Polycomb-RNA Granule Crosstalk during 6PPD-Quinone Stress in Human Lung Epithelial Cells	$893,779.00
Batra, Sanjay	NIH	Polycomb-Mediated Epigenetic Regulation and Hippo Signaling in Nanotube-Induced Inflammation	$143,000.00
Batra, Sanjay	LSU	DPE-mediated regulation of Mitochondrial Bioenergetic Function and MHC I Trafficking and Localization in A549 cells.	$18,979.00
Batra, Sanjay	LSU	Linking Hippo Signaling with Polycomb-Repressive Complex in PFOA-Challenged Lung Epithelial Cells	$7,500.00
Batra, Sanjay	LSU	Evaluating PCP, TCHQ, and HCB Effects on MHC Class I Antigen Processing Machinery	$7,500.00
Batra, Sanjay	LSU	Stress Granule-Mediated Regulation of Pentachlorophenol-Induced PANoptosis: A CRISPR Knockout Study of G3BP1 in Lung Epithelial Cells	$7,500.00
Batra, Sanjay	University of Kansas Medical Center	EXPAND: Molecular Crosstalk and Stress Network Rewiring by Cadmium in Lung Cells	$919,990.00

Principal Investigator	Agency	Title	Amount
Batra, Sanjay	NIH	Polycomb-mediated Epigenetic Regulation of Hippo, Inflamatory, and Autophagy Networks in Multwalled Carbon Nanotube Exposed Lung Epithelial Cells	$572,000.00
Belu, Radian	LA BOR	Physics-Informed Machine Learning (PIML) Algorithms for Anomaly Detection and Characterization	$5,000.00
Belu, Radian	LA BOR	Machine Learning Applications in Predictive Maintenance of Electric Machines	$5,000.00
Belu, Radian	LA BOR	A Multi-role, Versatile e-Learning Platform for Teaching, Learning, and Training in AI Literacy and Basics	$17,992.00
Belu, Radian	LA BOR	Using Smart and Modular Microgrids for Emergency Services and to Enhance Grid Resilience	$7,000.00
Brown, Courtney	LSU	Arts-Integrated AI Literacy Initiative for Early Career Teachers (AIAILI)	$818,130.00
Brown, Jennifer	University of Texas at Arlington	AI Education and Research Immersion for K-12 Teachers and Students in Smart Agriculture	$530,539.00
Davis, Tyra	USDA	VET EXPLORE: Strengthening the Workforce Pathway to Large Animal and Food Animal Practice	$300,000.00
Dawan, Fareed	LA BOR	Machine Learning-Enhanced Defect Detection in 3D-Printed Composite Materials	$5,000.00
Dawan, Fareed	Auburn University	Collaborative Research: FEC: Consortium for Accelerated Structural Integrity of Composites (CASIC)	$400,000.00
Dawan, Fareed	University of Kansas Center for Research, Inc.	FEC: Plastic-Based Nano-Systems for High throughout Multi-Omic Biological Studies	$210,000.00

Principal Investigator	Agency	Title	Amount
Dubytska, Lidiya	NSF	Role of T3SS Effectors in Edwardsiella Ictaluri Virulence	$912,984.00
Flowers, Susan	U.S. DoEd	Clinical Rehabilitation Counseling Program for Persons with Mental Illness (CRCP-MI)	$1,000,000.00
Flowers, Susan	U.S. DoEd	Long Term Training Clinical Rehabilitation Counseling - Vocational Rehabilitation	$1,000,000.00
Flowers, Susan	U.S. DoEd	Long Term Training - Undergraduate Education in Rehabilitation Services	$875,000.00
Frank, Norma	Quality Education for Minorities (QEM) Network	EPSCoR E-CORE: Louisiana Leveraging Emerging, Advanced, and Developed Research for Collaborations that Optimize Research Ecosystems	$800,000.00
Gray, Wesley	NIH	Antimicrobial Compounds and Natural Products	$572,000.00
Hart, Daniel	U.S. DOE	Quantum-Accelerated Multiscale Modeling and Experimental Validation of Spin Defects in Wide-Bandgap Semiconductors for Quantum Sensing	Pre-Proposal
Hart, Daniel	NASA	Radiation-Hard Quantum Spin Aerospace Sensors for Intelligent Spaceborne Magnetometry and Plasma Diagnostics	$655,385.00
Holly, Jr., James	NSF	Target Infusion Project: Experiences, Academics, Leadership, Togetherness, Engineering Design (ExALTED)	$359,072.00
Hossain, Md Ekhtear	NIH	Hidden Environmental Modifiers of Prostate Cancer Progression: Mechanistic Insights from Tire-Wear Pollutants	$71,500.00
Ismail, Yasser	LA BOR	Advancing Additive Manufacturing through Machine Learning–Driven Materials Innovation	$5,000.00

Principal Investigator	Agency	Title	Amount
Ismail, Yasser	LA BOR	Multimodal Deep Learning for Plant Stress Detection using Image and Soil Sensor Data	$5,000.00
Ismail, Yasser	LA BOR	Developing a Mobile Cancer Detection Device	$10,000.00
Ismail, Yasser	Office of Naval Research	AI/ML-FPGA Hardware Accelerator for Naval Corrosion Control with STEM Engagement	$517,273.68
Ismail, Yasser	American Association for the Advancement of Science	FPGA-Accelerated Edge AI for Real-Time Driver Drowsiness Detection to Enhance Research Innovation in Computer Engineering	$5,000.00
Ismail, Yasser	LA BOR	Machine Learning-Based Financial Fraud Detection in Online Banking Platforms	$5,000.00
Ismail, Yasser	LA BOR	AI-Driven Multimodal Framework for Early Plant Stress Detection Using Soil Sensor and Imaging Data	$5,000.00
Ismail, Yasser	LSU	CyberAI Innovation: SCAIL: Scalable and Adaptive AI-powered Cybersecurity Labs for Democratizing Cyber Defense Education	$15,001.00
Jackson, Lynette	LA BOR	Analyzing Permission Misuse in Android Applications: A Study on User Privacy Risks and Mitigation Strategies	$5,000.00
Johnson, Joycelyn	U.S. DoJ	Southern University RISE (Resilience, Intervention, Support, Empowerment) Program	$2,000,000.00
Jones, Nastassia	Columbia University	Engineering Methods Enabling Reproductive and Gynecological Excellence (EMERGE)	$2,389,564.00
Jones, Nastassia	NSF	Collaborative Research: Excellence in Research - STEM Starters: Cultivating Early Readiness for 9th Grade Biology through a Teacher-Student Co-Learning Model	$752,196.00

Principal Investigator	Agency	Title	Amount
Jones, Nastassia	NSF	Implementation Project: JAGSTEM IMPACT (Integrated Model for Pathways, Achievement, and Collaborative Teaching) to Enhance STEM Success	$1,249,647.00
Kight, Dawn	USDA	Southern University Distance Technology and Health Literacy Learning Project	$508,697.00
Krishnappa, Krutthika	NSF	AI-driven Router Microarchitectures in Quantum-aware NoC Systems	$531,002.00
Krishnappa, Krutthika	Tulane University	Collaborative Research: E-RISE: Louisiana Quantum Information Science Center	$280,000.00
Krishnappa, Krutthika	University of Louisiana at Monroe	Collaborative Research: FEC: CRAFT-AI: Coastal Resilience through Agentic and Foundational Techniques in AI	$280,000.00
Lacy, Fred	LA BOR	Unsupervised Machine Learning Applied to Condition Monitoring of Rotating Equipment	$5,000.00
Lacy, Fred	LA BOR	Machine Learning Applications for Power Quality Event Classification and Recognition	$5,000.00
Lacy, Fred	LA BOR	Bridging the Gap: AI Tutoring for Enhancing Engagement in Undergraduate Computer Science	$10,000.00
Majlesein, Hamid	LA BOR	Deep Learning for Early Breast Cancer Detection through Histopathology Image Analysis	$5,000.00
Majlesein, Hamid	LA BOR	AI-Powered Soil Health Monitoring for Sustainable Agriculture	$5,000.00
Majlesein, Hamid	LA BOR	AI-Driven Defect Detection and Quality Assessment in 3D-Printed Composite Structures	$5,000.00

Principal Investigator	Agency	Title	Amount
Majlesein, Hamid	LA BOR	Machine Learning-Based Early Detection of Anxiety Disorders through Behavioral Analytics	$5,000.00
Martin, Lealon	U.S. DoL	Advancing Science and Engineering Capacity through Expansion, Networks, and Transformation at Southern University and A&M College (ASCENT at SU)	$4,710,251.00
Martinez-Ceballos, Eduardo	LSU	Block Grant for Data Science and Bioinformatics using LBRN Training Platform	$45,160.00
Martinez-Ceballos, Eduardo	NIH	Mechanism of HOXA1 Action in Breast Cancer Cells	$71,494.00
Mensah, Patrick	NSF	E-RISE: Louisiana Incubator for AI Driven Design, Optimization, and Manufacturing of Artificial Muscles for Robotics (La-AIM)	$8,000,000.00
Mensah, Patrick	NSF	Excellence in Research: Design and Fabrication of Copper-Stainless Steel Lattice Structures via MM-LPBF for Thermal Applications	$992,518.00
Mensah, Patrick	LA BOR	Integration of Virtual Reality (VR), Artificial Intelligence (AI), and Additive Manufacturing for Energy Systems Training and Simulation	$10,000.00
Mensah, Patrick	NIH	BRE-SPAD at Southern Universiy and A&M College Baton Rouge	$3,357,027.00
Mensah, Patrick	MBDA	Louisiana Innovation for Thriving Rural Business (LIFT Center)	$1,275,000.00
No, Sung	LSU	SafeHPX	$174,999.00
Okwan, Phyllis	LA BOR	Intrusion Detection Systems (IDS) using Artificial Intelligence (AI) and Machine Learning (ML)	$5,000.00

Principal Investigator	Agency	Title	Amount
Okwan, Phyllis	LA BOR	Homomorphic Encryption for Secure Data Processing	$5,000.00
Proctor, Angela	National Endowment for the Humanities	Preserving and Expanding Access to Archival Collections Documenting Southern University's Presidential Leadership and Enslaved Histories	$350,000.00
Rai, Prabin	LSU	Bioassay-Guided Discovery and Characterization of Anti-Glioblastoma Extracts and Bioactive Phytochemicals from Garcinia	$71,500.00
Raufu, Abiodun	Prairie View A&M University	Discipline Without Disparity: Exploring the Impact of Restoration and Police-Free School Models Among American Youth	$18,534.00
Raufu, Abiodun	Texas A&M University	Risk Informed Law Enforcement Responses to Intimate Partner Violence: Preventing Intimate Partner Homicide and Detecting IPV Related Deaths	$88,512.00
Raufu, Abiodun	Mississippi Valley State University	Technology-Enabled Elder Financial Exploitation: Identifying and Developing Real-Time Detection Indicators and Integrated Response Frameworks	$88,512.00
Rogers, Bryan	NIH	Automated Digital Multi-Use Microscope	$249,153.00
Scott, Erin	NEH	Collaborative Research: Undergraduate Perspectives on Experiential Learning in Agricultural Sciences & Technology	$250,000.00
Shin, Alex Hak-Chul	University of Louisiana at Lafayette	UTC Regional Center: Southwest Transportation Alliance for Research (STAR) Center	$198,127.00
Stubblefield, Michael	U.S. Department of the Army	SOUTHERN UNIVERSITY DEFENSE RESEARCH ACCELERATION MODEL (SU DRAM): Strengthening Our R2 Status: A Pilot Program to Increase Research Capacity in STEM Technology	$10,000,000.00
Twumasi, Yaw	LA BOR	Hydrolic Modeling and Flood Hazard Mapping for Resilient Urban Watershed Management in Louisiana	$10,000.00

Principal Investigator	Agency	Title	Amount
Uppu, Rao	NIH	Dual Labeling of Au-SPIONs with Luteinizing Hormone-Releasing Hormone (LHRH) and Doxorubicin for Selective Cytotoxicity in LHRH Receptor-Overexpressing Tumor Cells	$57,200.00
Vincent-Finley, Rachel	U.S. DoEd	Southern University Collaborative Center for Educational Excellence ad Develpment in Science, Technology, Engineering, and Mathematics with Artificial Intelligence Center	$3,999,382.00
Wang, Weihua	LA BOR	Synthesis of Plasmonic Nanoparticles by Chemical Reduction Methods	$5,000.00
Warren, Brian	NSF	CAREER: Workforce Development and Academic Training for Additive Manufacturing using Virtual Reality	$1,861,265.00
Warren, Brian	The Brown Foundation	HydroFusion-LA Event-Scale Compound Flood Forecasting that Couples Groundwater, Surge, Waves and Rain Stress-Testing Nature-Based Solutions for Coastal Louisiana	$150,000.00
Warren, Brian	NSF	Southern University Explorations: A Large-Scale, Multi-Disciplinary Virtual STEM Workforce Training Center	$2,496,800.00
Warren, Brian	LSU	Southern University FUEL: Advancing Energy Programming through Education and Outreach	$150,000.00
Warren, Brian	LA BOR	Integration of Virtual Reality for Mental Health Risk Assessment among College Students	$10,000.00
Warren, Brian	NSF	Harnessing Emerging Technologies to Transform Real-World Teaching and Learning Environments	$868,791.00
Warren, Brian	NSF	Targeted Infusion Project: Integrating Virtual Reality into Mechanical Engineering Education to Enhance Conceptual Understanding and STEM Capacity at Southern University	$399,440.00
Warren, Brian	AgriTech Forward, Inc.	OASIS: Organic Agriculture Sensing and Intelligence System	$795,000.00

Principal Investigator	Agency	Title	Amount
Watson, Cariola	U.S. DoEd	Educational Talent Search Excel	$1,442,350.00
Watson, Cariola	U.S. DoEd	Educational Talent Search Classic	$2,835,670.00
Womack-Bell, Ada	LSU	Louisiana Small Business Development Center	$242,074.00
Yan, Cheng	NSF	CAREER: From Small molecules to Function: Machine Learning-Guided Design and Modeling of Reversible Shape Memory Polymers	$661,255.00
Yang, Shizhong	LA Tech University	E-RISE: Development of Revolutionary non-Equilibrium Alloy Materials by a Multidisciplinary Engineering Team Across Louisiana (DREAM-METAL)	$1,214,284.00
Yang, Shizhong	LA BOR	IoT-driven Predictive Analytics for Automated Process Operations in Smart Manufacturing	$5,000.00
Yang, Shizhong	LA BOR	Machine Learning Study on Multicomponent Alloys Design	$5,000.00
Yang, Shizhong	LSU	AI-Guided Alloy Production (A-GAP) for Fusion Energy Systems	$40,000.00
Yang, Shizhong	LA BOR	Modeling CO_2 to Methanol Study through Tin Oxide Catalyzing Reaction	$5,000.00
Zeng, Congyuan	University of Louisiana at Lafayette	E-RISE: SHINE-LOUISIANA: Sustainable Hydrogen Initiative for a New Economy in Louisiana Via The Louisiana Green Hydrogen (LGH2) Collaboratory	$615,000.00
Zeng, Congyuan	NSF	Excellence in Research: Understanding Laser-Assisted Post-Treatment of AFS-D Layers for Marine Applications	$994,439.00

Principal Investigator	Agency	Title	Amount
Zeng, Congyuan	NSF	FEC: AM-REACT: Additive Manufacturing of Refractory Alloys with Embedded Characterization and AI-Driven Qualification Techniques	$6,000,000.00
Zeng, Congyuan	LA BOR	SMART: AI-Guided Solid-State Metal Additive Repair Technology for Spacecraft Resilience	Pre-Proposal
Zeng, Congyuan	LA BOR	AMMF Specimen Machining and AMAC Characterization for Hydrogen Embrittlement Studies of 316L Stainless Steel	$2,000.00
Zhao, Guang-Lin	NSF	Valorization of Coffee Waste into ORR-Active Carbon-Based Electrocatalysts for Sustainable Electrochemical Detoxification of Persticide-Contaminated Wastewater	Pre-Proposal
TOTAL - 102			**$75,545,233.68**

This report was prepared on the basis of proposals reviewed and submitted by the Office of Sponsored Programs.

PROPOSALS FUNDED FY 2025-26

Principal Investigator	Agency	Title	Amount
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	$312,753.00
Andrews, Donald	Winrock International	Enhancing Suppliers, Products, and Retail Knowledge for Growth (SPARK Growth)	$100,000.00
Batra, Sanjay	Grambling State University	Cellular Impact of Diesel Particulate Extract: Integrating Biomarker Analysis and STEM Workforce Development in Louisiana	$5,000.00
Bean, Caronda	TMCF	TMCF Seeking, Observing, and Achieving Results (SOAR)	$135,000.00
Belu, Radian	LA BOR	Using Smart and Modular Microgrids for Emergency Services and to Enhance Grid Resilience	$7,000.00
Brister, Jr., Herman	LA DoEd	Title I 2025-26	$1,334,387.00
Brister, Jr., Herman	LA DoEd	Title IV 2025-26	$217,078.00
Brister, Jr., Herman	LA DoEd	Title II 2025-26	$160,018.00
Brown, Sandra	LA BOR	Nursing Capitation FY 26	$252,000.00
Bryant, Cynthia	Columbia University	Center for Science and Society, Phase III - The Co-production of Knowledge	$80,000.00

Principal Investigator	Agency	Title	Amount
Campbell, Yolanda	LSU	Louisiana Community Journalism Initiative - Luce Foundation	$10,221.00
Campbell, Yolanda	LSU	Louisiana Community Journalism Initiative - McArthur Foundation	$18,170.00
D'Auvergne, Oswald	Meharry Medical College	Bachelor of Science/Doctor of Medicine Program	$5,000.00
Dawan, Fareed	LA BOR	Maching Learning-Enhanced Defect Detection in 3D-Printed Composite Materials	$5,000.00
Dawson, Kenneth	LA DEQ	Southern University System - Baton Rouge EVSE VW Settlement	$48,000.00
Ephrom, Desiree	U.S. DoEd	Ascension Upward Bound	$299,038.00
Ephrom, Desiree	U.S. DoEd	Experience Upward Bound	$296,958.00
Flowers, Susan	U.S. DoEd	Clinical Rehabilitation Counseling Program for Persons with Mental Illness (CRCP-MI)	$200,000.00
Flowers, Susan	U.S. DoEd	Long Term Training - Undergraduate Education in Rehabilitation Services	$175,000.00
Flowers, Susan	U.S. DoEd	Long Term Training Clinical Rehabilitation Counseling - Vocational Rehabilitation	$200,000.00
Harrison, Christy	Rhodes College	Bounce With Me: Black Women's Oral Histories, Bounce Music and Southern Culture	$7,500.00

Principal Investigator	Agency	Title	Amount
Henry, Laurence	LSU	Investigation of Solar Ultraviolet Radiation Profile Near the Earth	$12,000.00
Ismail, Yasser	LA BOR	Advancing Additive Manufacturing through Machine Learning-Driven Materials Innovation	$5,000.00
Ismail, Yasser	U.S Department of the Army	Acquisition of Advanced Robotics and Haptic Equipment for Corrosion and Welding Research and Education	$438,748.00
Jackson-Osagie, Emily	LA BOR	Wraparound Educational Supports for Teacher Candidates [WEST-C]	$200,000.00
Jackson-Osagie, Emily	BSCS Science Learning	ESLO - Engaging Science Learning with OpenSciEd	$95,200.00
Johnson, Joycelyn	U.S. DoJ	FY25 Safer Outcomes: Enhancing De-Escalation and Crisis Response Training for Law Enforcement - Support for Law Enforcement Agencies	$250,000.00
Krishnappa, Krutthika	LA BOR	Empowering Cybersecurity Leaders by Establishing an Executive Masters Program in Cybersecurity, Mentorship, and Industry-Partnered Certificates	$155,265.00
Lacy, Fred	LA BOR	E-CORE RII: Louisiana Networks of Excellence for Tomorrow (LA-NEXT)	$33,912.00
Lacy, Fred	LA BOR	Unsupervised Machine Learning Applied to Condition Monitoring of Rotating Equipment	$5,000.00
Lacy, Fred	LA BOR	Bridging the Gap: AI Tutoring for Enhancing Engagement in Undergraduate Computer Science	$10,000.00
Lacy, Fred	SUSLA	Power Joint Approach to Green Solutions (JAGS)	$137,008.00

Principal Investigator	Agency	Title	Amount
Lacy, Fred	SUSLA	Power JAGS (Joint Approach to Green Solutions) - DOE Clean Energy Prize - Phase II	$80,390.00
Lawson, Albertha	NSF	Enhancing Addictive Manufacturing with Cybersecurity and Virtual Reality	$281,063.00
Lawson, Huey	U.S. DoEd	Title III Part B, Strengthening HBCUs Program	$18,621,710.00
Lawson, Huey	U.S. DoEd	HBCU Program - FUTURE Act	$1,412,046.00
Mackie, Kenneth	U.S. DoEd	Endeavour: Upward Bound Math and Science Program	$309,505.00
Mackie, Kenneth	U.S. DoEd	Inspire Upward Bound	$299,038.00
Mackie, Kenneth	U.S. DoEd	Mercury Upward Bound	$299,038.00
Mackie, Kenneth	U.S. DoEd	Enterprise Upward Bound	$309,504.00
Majlesein, Hamid	LA BOR	Deep Learning for Early Breast Cancer Detection through Histopathology Image Analysis	$5,000.00
Majlesein, Hamid	LA BOR	AI-Powered Soil Health Monitoring for Sustainable Agriculture	$5,000.00
McComb, Jacqueline	LSU	The Mississippi River Delta Transition Initiative (MissDelta)	$100,893.00

Principal Investigator	Agency	Title	Amount
McMeans, Orlando	USDA	Land Grant Scholarships for Students as Southern University and A&M College	$505,263.16
Mensah, Patrick	NSF	RII Track-2 FEC: Rapid Qualifications for Additively Manufactured Safety-Critical Components	$1,000,000.00
Mensah, Patrick	LSU	Block Grant for Data Science Bioinformatics using LBRN Training Platform	$45,160.00
Mensah, Patrick	LA BOR	Integration of Virtual Reality (VR), Artificial Intelligence (AI), and Additive Manufacturing for Energy Systems Training and Simulation	$10,000.00
Payne, Maletta	Southern Region Education Board	Open Education Capacity Building Grant (OECBG)	$10,000.00
Perry, Kristie	Delta Research & Educational Foundation	All of Us Research Program	$10,000.00
Pugh, Eric	U.S. DoEd	Apollo: Upward Bound Math and Science	$299,038.00
Robinson, Rhonda	U.S. DoEd	Discovery: Upward Bound Math and Science Program	$309,505.00
Robinson, Rhonda	U.S. DoEd	Columbia: Upward Bound Math and Science	$299,038.00
Robinson, Rhonda	U.S. DoEd	Southern University and A&M College Ronald E. McNair Post-baccalaureate Achievement Program	$272,364.00
Sagbansua, Lutfu	LSU	Collaborative Research: E-RISE RII: Louisiana Bio-Electric Fuel Incubator (BEFI)	$137,966.00

Principal Investigator	Agency	Title	Amount
Sagbansua, Lutfu	LSU	Techno-economics of Carbon Capture and Sequestration (CCS) in Louisiana	$21,450.00
Scott, Erin	NSF	CAREER" A Pragmatic, Iterative Approach to Advancing Evidence-Based Practices for Preparing and Developing K-12 Science Teachers	$1,047,856.00
Seo, Jung-Im	USDA	Empowering Online Marketing Business through the Experiemental Learning in Southern University-Housed Retail Store Laboratory	$149,999.00
Spurlock, Wanda	LA Department of Health	LA Women, Infants and Children (WIC) Program	$122,420.69
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	Howard University	IBM - HBCU Quantum Center: Expanding Quantum Education and Research at Southern University	$50,000.00
Stewart, Anthony	Howard University	IBM - HBCU Quantum Center: Southern University and A&M Scholar in Residence	$150,000.00
Telles, Caroline	University of Lousiana at Lafayette	Direct Air Capture (DAC) of CO2 via Microalgal-Based Photosynthetic Mechanisms	$42,900.00
Tolbert, Catrice	Office of Behavorial Health	Mental Health Promotion and Suicide Prevention Training	$248,290.00
Tolbert, Catrice	Office of Behavorial Health	LCPR: Louisiana Workforce Development	$220,836.00
Tolbert, Catrice	Office of Behavorial Health	Problem Gambling Boot Camp	$115,000.00

Principal Investigator	Agency	Title	Amount
Turner, Julius	U.S. DoEd	Empower Upward Bound	$299,038.00
Turner, Julius	U.S. DoEd	Concordia Upward Bound	$299,038.00
Walker, Edwin	LA BOR	Southern University - BOR/SREB Fellowship Program	$17,500.00
Wang, Weihua	LA BOR	Synthesis of Plasmonic Nanoparticles by Chemical Reduction Methods	$5,000.00
Warren, Brian	LA BOR	Integration of Virtual Reality Mental Health Risk Assessment among College Students	$10,000.00
Warren, Brian	LSU	SU FUEL: Advancing Energy Programming through Education and Outreach	$50,000.00
Watson, Cariola	U.S. DoEd	Talent Search Classic - Southern University and A&M College	$567,134.00
Watson, Cariola	U.S. DoEd	Talent Search Excel - Southern University and A&M College	$288,470.00
Weaver-Myer, GiGi	American Association of Collegiate Registrars and Admissions Officers (AACRAO)	LER Accelerator Cohort	$12,500.00
Womack-Bell, Ada	LSU	Small Business Developent Centers 2025	$36,859.00
Wright, Quiana	LA BOR	Open Education Resources (OER) Advancement Project Program	$15,000.00

Principal Investigator	Agency	Title	Amount
Yan, Cheng	LSU	Advancing Manufacturing of Sustainable Multi-Material Composite Structures for Space Applications via Ultrasonic Welding	$65,986.00
Yang, Shizhong	LA BOR	IoT-Driven Predictive Analytics for Automated Process Operations in Smart Manufacturing	$5,000.00
Yang, Shizhong	Elizabeth City State University	Nuclear Security, Advanced Manufacturing Enhanced by Machine Learning Phase II (NSAM-ML2)	$170,000.00
Yang, Shizhong	LSU	Gauging Hydrogen Embrittlement Resistance of Conventional and ML Optimized MELD SS3 l 6L	$40,000.00
Young, Luria	NSF	Collaborative Research: LIGO-SEC Partnership Ripple Effects - Engaging Communities for Lifelong Learning Impacts	$1,529,696.00
Zeng, Congyuan	NSF	Excellence in Research: Understanding Dissimilar Metal Joints Formed using Additive Friction Stir Deposition	$896,186.00
Zeng, Congyuan	LSU	NSF Engines: Technology of Mitigation of Hydrogen Embrittlement	$26,000.00
Zeng, Congyuan	U.S. Department of the Army	Acquisition of an Advanced Spherical Metal Powder Production System for Research and Education in Laser Powder-Based Additive Manufacturing	$999,999.00
TOTAL - 84			**$37,483,934.85**

This report was prepared on the basis of awards received and processed by the Office of Sponsored Programs with the exclusion of Title III funds.