



Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
Alabama Cyber Institute			2.00				222,248
	Lewis, Dwight	A19-0399-001	1.00	Alabama Law Enforcement Agency-ALEA	Information Consolidation for Operational Network Statistics (ICONS)	Research-Applied	206,248
	Song, Aijun	A00-633-001	1.00	National Science Foundation - NSF	REU Supplement for CNS#1704076: NeTS: Medium: Collaborative Research: In-Band Full-Duplex Underwater Acoustic Networks	Research-Basic	16,000
Alabama Life Research Institute			11.00				2,981,647
	Bao, Yuping	A19-0390-001	1.00	National Science Foundation - NSF	A Novel Magnetic Separation Method to Isolate Active Compounds from Complex Matrices	Research-Basic	442,318
	Freeborn, Todd	A19-0469-001	1.00	University of Alabama Huntsville - UAH	Evaluating Localized Electrical Impedance Myography to Quantify Segmental Fluid Shifts Induced by Simulated Micro-Gravity Conditions	Research-Basic	16,000
	Gilpin, Ansley	A18-0509-001	1.00	Annie E. Casey Foundation - AECF	Support data consultant services, data management and analysis for Evidence 2 Success site in Selma Alabama	Research-Basic	50,000
	Lee, Hee Yun	A19-0440-001	1.00	U.S. Department of Health and Human Services - HHS	TeleECHO Model Development for Opioid Prevention, Treatment, and Recovery in Rural Alabama	Research-Applied	200,000
	Lodree Jr., Emmett	A19-0100-001	1.00	National Science Foundation - NSF	RAPID: Collaborative Research: Defining a performance measurement framework for spontaneous volunteer management systems in post-disaster relief	Research-Applied	17,166
	McDaniel, Sara	A19-0258-001	1.00	National Institute of Health - NIH	Reducing Youth Violence and Racism/Discrimination: The Efficacy of Comprehensive Prevention Strategies (CPS)	Research-Basic	519,276

Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
	McDaniel, Sara	A19-0258-002	1.00	National Institute of Health - NIH	Reducing Youth Violence and Racism/Discrimination: The Efficacy of Comprehensive Prevention Strategies (CPS)	Research-Basic	57,490
	Powell, Nicole	A19-0313-001	1.00	Alabama Judicial College - AJC	Adult Drug Court Evaluation	Research-Basic	160,000
	Sazonov, Edward	A19-0479-001	1.00	National Institutes of Health - NIH	Sensor-Based Just-in-Time Adaptive Interventions (JITAs) Targeting Eating Behavior	Research-Basic	663,683
	Sazonov, Edward	A19-0479-001	1.00	National Institutes of Health - NIH	Sensor-Based Just-in-Time Adaptive Interventions (JITAs) Targeting Eating Behavior	Research-Basic	663,683
	White, Susan	A18-0166-002	1.00	Vanderbilt University - VU	SENSE	Research-Basic	192,031

Alabama Transportation Institute

29.00

10,668,861

	Allison, Paul	A18-0265-003	1.00	Strategic Environmental Research and Development Program - SERDP	Recycling and Reuse of Metal Alloys by a Single Solid-State Additive Manufacturing and Repair Process	Research-Basic	0
	Balasubramanian, Bharat	A19-0447-001	1.00	AM General - AMG	Common Rail Engine Combustion Analysis and Dynamometer Testing	Research-Basic	2,526,548
	Bittle, Joshua	A19-0123-001	1.00	Cummins, Inc. - Cummins	Cummins Engine Strategy Evaluation through Engine Test	Research-Basic	45,000
	Hainen, Alexander	A19-0275-001	1.00	Alabama Department of Transportation - ALDOT	Alabama Connected Vehicle Application Research	Research-Basic	262,703
	Hudnall, Matthew	A19-0086-001	1.00	U.S. Department of Justice - USDOJ	Unified Nexus for Leveraging Opioid Crime Knowledge (UNLOCK)	Research-Applied	997,971
	Hudnall, Matthew	A19-0167-001	1.00	Alabama Department Of Mental Health - ADMH	Alabama Opioid Centralized Data Repository	Research-Applied	671,353
	Jones, Steven	A19-0117-001	1.00	Alabama Department of Transportation - ALDOT	Development of Alabama-Specific Safety Performance Functions for Intersections	Research-Basic	341,894
	Jones, Steven	A19-0362-001	1.00	University of South Alabama - USA	Implementation Guidance for Flashing Yellow Arrows for Varying Left Turn Operations by Time-of-Day	Research-Basic	10,500
	Krishnan, Sundar	A19-0114-001	1.00	Cummins, Inc. - Cummins	Develop Full Cycle Engine Simulation Model, Verify and Validate Engine Performance	Research-Basic	30,000

Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
	Krishnan, Sundar	A19-0436-001	1.00	National Renewable Energy Laboratory - NREL	High-Efficiency Natural Gas Dual Fuel Combustion Strategies for Heavy-Duty Engines	Research-Basic	465,458
	Liu, Jun	A19-0344-001	1.00	Alabama Department of Transportation - ALDOT	Crash Modification Factor Guidance for Highway Safety Improvement Program in Alabama	Research-Basic	35,794
	Liu, Jun	A19-0446-001	1.00	Georgia Department of Transportation - GDOT	Safety Performance of Rural Four-Lane Undivided Roadways and Rural Four-Lane Roadways with a Two-Way Left-Turn Lane	Research-Basic	99,852
	Magliocca, Nicholas	A18-0460-002	1.00	National Science Foundation - NSF	EAGER: ISN: Anticipatory Interdiction in Narco-Trafficking Networks	Research-Basic	2,686
	Nambisan, Shashi	A19-0416-001	1.00	Alabama Department of Transportation - ALDOT	I-10 Mobile River Bridge: A Macroscopic Study of No-Build Implications	Research-Basic	99,962
	Pate, Jeremy	A19-0345-001	1.00	State of Arkansas - ARK	Arkansas eCrash	Research-Basic	384,219
	Pate, Jeremy	A19-0346-001	1.00	State of Arkansas - ARK	Arkansas eCitation	Research-Basic	528,756
	Powell, Lawrence	A18-0496-001	1.00	Insurance Information Institute - III	The Increasing Cost of Automobile Insurance: Cost Drives and Affordability	Research-Basic	74,000
	Stricklin, Rhonda	A20-0006-001	1.00	Alabama Department Of Economic & Community Affairs - ADECA	Evaluation of "Click It or Ticket"	Research-Basic	201,936
	Stricklin, Rhonda	A20-0008-001	1.00	Alabama Department Of Economic & Community Affairs - ADECA	Data and Information Technology Support for Alabama Traffic Safety Programs	Research-Basic	955,896
	Stricklin, Rhonda	A20-0009-001	1.00	Alabama Department Of Economic & Community Affairs - ADECA	405c Traffic Safety Technology Development Projects (eCrash, RESCUE, Portals)	Research-Basic	741,137
	Tedla, Elsa	A19-0060-001	1.00	Alabama Department of Transportation - ALDOT	Alabama Transportation Data Research and Reporting Program	Research-Basic	785,000
	Tedla, Elsa	A19-0060-002	1.00	Alabama Department of Transportation - ALDOT	Alabama Transportation Data Research and Reporting Program	Research-Basic	750,000
	Tedla, Elsa	A19-0105-001	1.00	Alabama Department of Transportation - ALDOT	Regional Implementation of the Alabama Strategic Highway Safety Plan	Research-Basic	376,501
	Thompson, Gregory	A19-0434-001	1.00	Ultramet, Inc. - UI	General Microscopy	Research-Basic	20,000

Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
	Yoon, Hwan-Sik	A19-0055-001	1.00	Hyundai America Technical Center, Inc - HATCI	Development of Energy Flow Analysis Tool for Hybrid Electric Vehicles (Phase I)	Research-Applied	25,357
	Yoon, Hwan-Sik	A19-0056-001	1.00	Hyundai America Technical Center, Inc - HATCI	Modeling Airpath System of Cooled-EGR Engine for Model-Based Control Development (Phase I)	Research-Basic	24,120
	Yoon, Hwan-Sik	A19-0056-002	1.00	Hyundai America Technical Center, Inc - HATCI	Modeling Airpath System of Cooled-EGR Engine for Model-Based Control Development (Phase I)	Research-Basic	2,817
	Yoon, Hwan-Sik	A19-0159-001	1.00	Hyundai America Technical Center, Inc - HATCI	Study of Integrated Thermal Management Systems	Research-Basic	101,888
	Yoon, Hwan-Sik	A19-0168-001	1.00	Hyundai America Technical Center, Inc - HATCI	Development of Energy Flow Analysis tool for Hybrid Electric Vehicles (Phase II and III)	Research-Basic	107,513

Alabama Water Institute
14.00
1,989,293

	Abbott, John	A19-0149-001	1.00	Texas Parks and Wildlife Department - TPWD	Conservation Assessment of 165 Texas Dragonflies Focusing on the Most Imperiled	Research-Basic	326,053
	Atkinson, Carla	A19-0392-001	1.00	Weyerhaeuser NR Company - Weyerhaeuser	Feeding preferences of mussels along flow and temperature gradients and their impact to in-stream sediment dynamics.	Research-Basic	15,000
	Clement, Prabhakar	A19-0299-001	1.00	City of Orange Beach - COB	Sampling, Fingerprinting and Chemical Characterization of BP Tar Balls Remaining along Alabama's Beaches 10 Years after the Spill	Research-Basic	50,000
	Davis, Mary	A19-0163-001	1.00	Tennessee Valley Authority - TVA	Improving dam and nuclear risk management through the application of Paleoflood Analyses	Research-Basic	79,987
	Kocot, Kevin	A19-0417-001	1.00	National Science Foundation - NSF	CAREER: Revolutionizing Biodiversity and Systematics Research on Aplacophora (Mollusca) and Training the Next Generation of Invertebrate Systematists	Research-Basic	937,888
	McCallum, Debra	A19-0354-001	1.00	Alabama Department Of Public Health - ADPH	ADPH Tobacco Division Core Grant Evaluation	Research-Basic	99,900
	Minzoni, Rebecca	A19-0368-001	1.00	United States Geological Survey - USGS	Geology of the 1:24,000 Coatopa, Alabama, Quadrangle	Research-Basic	17,500

Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
	Mortazavi, Behzad	A19-0319-001	1.00	National Science Foundation - NSF	NSF Graduate Research Fellowship Program - Sommer Starr - Graduate Student	Research-Basic	46,000
	Nearing, Grey	A19-0111-001	1.00	Upstream Technology - UT	Hydrologic Modeling and Forecasting for Lake Chelan	Research-Basic	18,193
	Song, Aijun	A18-0358-002	1.00	National Science Foundation - NSF	REU Supplement for Award CNS#1801861: NeTS: Medium: Collaborative Research: Riding the Stress Wave: Integrated Monitoring, Communications, and Networking for Subsea Infrastructure	Research-Basic	24,000
	Wang, Ruigang	A19-0396-001	1.00	National Science Foundation - NSF	I-Corps: Support Promoted Low-Temperature Emission Control Catalysts	Research-Basic	50,000
	Wujcik, Evan	A19-0174-001	1.00	University of Southern Mississippi - USM	Electrospun Polymer-based Visible Colorimetric Sensor for Selective and Sensitive On-Site Determination of Polycyclic Aromatics Hydrocarbons in Aquatic Ecosystems	Research-Basic	17,500
	Wujcik, Evan	A19-0174-002	1.00	University of Southern Mississippi - USM	Electrospun Polymer-based Visible Colorimetric Sensor for Selective and Sensitive On-Site Determination of Polycyclic Aromatics Hydrocarbons in Aquatic Ecosystems	Research-Basic	8,575
	Yan, Jie	A19-0302-001	1.00	National Science Foundation - NSF	EAGER: L-Band Radar Ice Sounder for Measuring Ice Basal Conditions and Ice-Shelf Melt Rate	Research-Basic	298,697
Center for Advanced Public Safety			2.00				1,157,832
	Stricklin, Rhonda	A20-0006-001	1.00	Alabama Department Of Economic & Community Affairs - ADECA	Evaluation of "Click It or Ticket"	Research-Basic	201,936
	Stricklin, Rhonda	A20-0008-001	1.00	Alabama Department Of Economic & Community Affairs - ADECA	Data and Information Technology Support for Alabama Traffic Safety Programs	Research-Basic	955,896
Center for the Prevention of Youth Behavior Problems			1.00				12,000

Institute	Lead PI	Award Number	Share of #	Sponsor	Title	Project Type	Share of \$
	White, Bradley	A19-0411-001	1.00	National Science Foundation - NSF	NSF Graduate Research Fellowship Program - Rebecca Revilla - Graduate Student	Research-Basic	12,000
Grand Total			59.00				17,031,881