

Firstname	Lastname	Title	Institution	Funding
Yuhui	Lu	Mixed valence zwitterions: a solution for unwanted counterion effects on molecular electronic device	Louisiana College	Nine thousand, nine hundred ninety-six dollars (\$9,996)
Michele	Barbato	Advanced semi-analytical techniques for accurate and efficient estimate of first-passage failure probabilities	Louisiana State University	Ten thousand dollars (\$10,000)
Jeremy	Brown	Quantifying and exploiting the structure of phylogenetic tree space through network analysis	Louisiana State University	Ten thousand dollars (\$10,000)
Jianhua	Chen	New statistical inference techniques for scalable knowledge discovery with ensemble learning	Louisiana State University	Ten thousand dollars (\$10,000)
Brian	Hales,	Formation of the nitrogenase P-cluster	Louisiana State University	Ten thousand dollars
Rongying	Jin	Development and study of new battery materials	Louisiana State University	Nine thousand, seven hundred dollars
Rendy	Kartika	Asymmetric synthesis of quaternary carbon center via chiral carbocation intermediate	Louisiana State University	Ten thousand dollars (\$10,000)
Naohiro	Kato,	Detecting chloroplast-nucleus physical interactions in living plant cells by bioluminescence	Louisiana State University	Ten thousand dollars (\$10,000)
Xin	Li	Spatiotemporal geometric data matching for biomedical applications	Louisiana State University	Ten thousand dollars (\$10,000)
Chunyan	Li	Impact of storms on sediment redistribution and bathymetry with the development and testing of multiple automated surface crafts	Louisiana State University	Ten thousand dollars (\$10,000)
Evgueni	Nesterov	Contrast agents based on chemically controlled magnetically bistable molecular switches	Louisiana State University	Ten thousand dollars (\$10,000)
Claudia	Husseneder	Biodiversity and genomics of bacteriophages associated with termites and phage therapy in the termite gut model	LSU Agricultural Center	Nine thousand, nine hundred ninety-seven dollars (\$9,997)
Todd	Shupe	Glycerol-based new solvent system for bio-based liquefaction reactions	LSU Agricultural Center	Ten thousand dollars (\$10,000)
Terrence	Tiersch	Creation of inbred lines of Eastern Oyster Crassostrea virginica through self-fertilization using cryopreserved sperm and eggs from the same individuals after sex reversal	LSU Agricultural Center	Nine thousand, nine hundred twenty dollars (\$9,920)
Qinglin	Wu	Electrospun materials modified by cellulose nanofibers: strength and morphology control	LSU Agricultural Center	Ten thousand dollars (\$10,000)

Nicholas	Gilpin	Using optogenetic stimulation to measure reward function in drug- and alcohol-dependent rats	LSU Health Sciences Center - New Orleans	Ten thousand dollars (\$10,000)
Bahram	Khoobehi	Imaging apparatus to map oxygen saturation in the ocular fundus	LSU Health Sciences Center - New Orleans	Ten thousand dollars (\$10,000)
Weizhong	Dai	Computational model and experimental verification for the development of drug-eluting stent coatings for arterial pharmacokinetics	Louisiana Tech University	Ten thousand dollars (\$10,000)
Brandon	Moore	Histological characterization of the adult American Alligator phallus	Louisiana Tech University	Ten thousand dollars (\$10,000)
Shengnian	Wang	Regulation DNA conformation and dynamics with hybrid field microfluidics	Louisiana Tech University	Ten thousand dollars (\$10,000)
Sandra	Zivanovic	Research on graphene electrode for plasmonic solar cell application	Louisiana Tech University	Ten thousand dollars (\$10,000)
Jane	Carlson	Ecotypic variation in two widespread Hibiscus species and its implications for species resilience to environmental change	Nicholls State University	Ten thousand dollars (\$10,000)
John	Burris	Modeling and simulation using a small-scale Beowulf cluster	Southeastern Louisiana University	Ten thousand dollars (\$10,000)
Kyle	Piller	Application of next generation sequencing technology to bony fish evolution	Southeastern Louisiana University	Ten thousand dollars (\$10,000)
Jarrett	Landor-Ngemi	Assessing STEM students' cognitive learning of EHR technologies: a multi-media case study approach	Southern University - Baton Rouge	Ten thousand dollars (\$10,000)
Victor	Mbarika	Implementing an artifact and theorizing E-Democracy and citizen participation in Sub-Saharan Africa	Southern University - Baton Rouge	Ten thousand dollars (\$10,000)
Alexander	Burin	Theory of ultrasound laser using coherent population inversion of two-level systems in amorphous solids	Tulane University	Ten thousand dollars (\$10,000)
Kevin	Gotham	The impact of climate change on cultural ecosystem services	Tulane University	Ten thousand dollars (\$10,000)
Corinne	Richards-Zawacki	Testing honest signaling models for the evolution of begging in the strawberry dart frog	Tulane University	Nine thousand, nine hundred seventy-three dollars (\$9,973)
Jordan	Karubian	Mechanisms and adaptive significance of female ornamentation in the white-shouldered fairy wren, <i>Malurus alboscapulatus</i>	Tulane University	Ten thousand dollars (\$10,000)

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