**BOARD OF REGENTS SUBMISSIONS**

**2019-2020**

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| PI | ORSP | Title | Amount | Type | College |
| Ramaraj Boopathy  (Submitted) | 2481 | Enhancement of Environmental Biology Curriculum at Nicholls | $33,625 | Targeted  Enhancement | Sciences and Technology |
| Duane Smith  (Submitted) | 2488 | Preparing Tomorrow’s Scientists Today: Enhancing the Undergraduate Biochemistry Experience for Science Majors | $475,000 | Comprehensive Enhancement | Sciences and Technology |
| Kristie Hartman  (Submitted) | 2486 | The Impact of Wearable Simulation and Its Role in Facilitating Clinical Judgement and Enhancement of Psychosocial Communication Skills Across the BSN Curriculum | $17,665 | Targeted Enhancement | Nursing |
| Meryn Olivier  (Submitted) | 2492 | Enhancement of Quality CPR in Trained and Untrained Bystanders Using Gamification and Simulation Tools | $5,877 | Targeted Enhancement | Nursing |
| Xiaoxu Jiang  (Submitted NOI)  (Submitted) | 2474 | The Relationship between Transition Metal Nutrients Uptake and Petroleum Hydrocarbons Biodegradation in Marine Hydrocarbonoclastic Bacterium Alcanivorax Borkumensis | $20,000 | RCS | Sciences and Technology |
| Justine Whitaker  (Submitted NOI)  (Submitted) | 2472 | Potential Spread of Rat Lungworm, Angiostrongylus Cantonensis, by Invasive Apple Snails, Pomacea Maculata in South Louisiana | $124,080 | RCS | Sciences & Technology |
| Jonathan Willis  (Submitted NOI)  (Submitted) | 2476 | Elucidating Interactions Between Wetland Vegetation and Microplastics | $146,518 | RCS | Sciences and Technology |
| Enmin Zou  (Submitted NOI)  (Submitted) | 2473 | Role of Epidermal Carbonic Anhydrase in Exoskeletal Calcification in the Post-ecdysial Blue Crab, Callinectes Sapidus | $20,000 | RCS  Pfund | Sciences & Technology |
| Timothy Clay  (Submitted NOI)  (submitted) | 2475 | Population Demographics of Diamondback Terrapins and the Influence of the Blue Crab Fishery in Coastal Louisiana | $158,493 | RCS | Sciences and Technology |
| Darcey Wayment  (Submitted) | 2487 | Using a Liquid Chromatograph Mass Spectrometer (LCMS) to Enhance Learning in the Agricultural, Biological and Chemical Sciences. | $116,000 | Targeted Enhancement | Sciences and Technology |
| Xiaoxu Jiang  (Submitted) | 2489 | Developing a Moodle Based Open Access Assessment Platform for Nursing Students to Enhance General, Organic and Biological Chemistry Learning | $57,647 | Targeted Enhancement | Sciences and Technology |
| Michelle Fowler  (Submitted NOI)  (Submitted) | 2480 | The Role of Autobiographical Memory and Self-Perception in Normative Adjustment of Veterans | $107,932 | RCS | Education and Behavioral Sciences |
| Himanshu Verma  (Submitted) | 2494 | Structural, Mechanical, and Magnetic Characterization of Nanocomposites Using AFM and MFM | $39,203 | Targeted Enhancement | Sciences and Technology |
| En Mao  (Submitted) | 2496 | Creating a High Impact Learning Environment for Workforce Readiness and Development | $101,243 | Targeted Workforce | Business Administration |
| Balaji Ramachandran  (Submitted NOI)  (Submitted) | 2478 | Effective Imperviousness Optimization with SUAS for Stormwater Model Calibration (w/UNO) | $64,169 | RCS | Sciences and Technology |
| Andy Simoncelli  (Submitted) | 2490 | Vanishing Louisiana: Preserving the Lands, Histories, and Cultures of the Bayou Region. | $139,600 | Targeted Enhancement | Liberal Arts |
| Sherry Foret  (Submitted) | 2495 | Multidisciplinary Collaboration in Health Sciences Using High Fidelity Simulation | $49,776 | Targeted Enhancement | Sciences and Technology |
| Uttam Pokharel  (Submitted) | 2498 | Understanding the Mechanism of Cyclization of Ferrocenyl Keto-carboxylic Acids | $5,000 | SURE | Sciences and Technology |
| Uttam Pokharel  (Submitted) | 2499 | Synthetic Methodology to Extend the π-conjugation in Ferrocene | $5,000 | SURE | Sciences and Technology |
| Enmin Zou  (Submitted) | 2485 | Does the Presence of the Heavy Metal Cadmium Affect the Strength of a Biological Concrete, the Crab Shell? | $5,000 | SURE | Sciences and Technology |
| TOTAL |  |  | $1,691,828 |  |  |