

**Summary of Notices of Intent Submitted to the  
Industrial Ties Research Subprogram (ITRS)  
for the FY 2009-2010 Review Cycle**

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested
001 B-09/SCI	Lipid-Based Resuscitation Fluids	Centenary College/Department of Physics	Juan Rodriguez		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>Yes</b>	1	\$44,665
<b>TOTAL</b>					<b>\$44,665</b>
002 B-09/SCI	Purification and Characterization of Bitter Flavor Blocking Ingredient	Louisiana State University and A&M College-Agricultural Center/Department of Food Science	John W. Finley		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$100,000
				2	\$100,000
				3	\$100,000
<b>TOTAL</b>					<b>\$300,000</b>
003 B-09/SCI	Fiberso <sup>®</sup> -2 on Body Fat, Motility, and Lifespan of <i>C. elegans</i> , and Energy Homeostasis and Insulin Sensitivity in Rodents and Large Animals	Louisiana State University and A&M College-Agricultural Center/School of Human Ecology	Michael Keenan; Jolene Zheng; John Finley; Roy Martin; Donald Thompson; Yutaka Miyamoto		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$40,000
				2	\$70,000
				3	\$80,000
<b>TOTAL</b>					<b>\$190,000</b>
004 B-09/SCI	Evaluation of Ingredients and Protocol to Inhibit Melanosis in Gulf Shrimp	Louisiana State University and A&M College-Agricultural Center/Department of Food Science	Lucina E. Lampila; Marlene Janes; John Finley		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$65,000
				2	\$70,000
<b>TOTAL</b>					<b>\$135,000</b>
005 B-09/SCI	Incidence, Seasonal Variations, Fate, and Health Benefits of Glycosphingolipids from the Louisiana Oysters ( <i>Crassostrea virginica</i> )	Louisiana State University and A&M College-Agricultural Center/Department of Food Science	Jack Losso; John Supan; Fred Enright; John Finley		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$35,000
				2	\$30,000
				3	\$25,000
<b>TOTAL</b>					<b>\$90,000</b>
006 B-09/SCI	Complete Recycling of Chromated Copper Arsenate (CCA)-treated Wood to Regenerate CCA-Treating Solution and Bio-Degradable Foam Insulation	Louisiana State University and A&M College-Agricultural Center/Calhoun Research Station	Hui Pan; Todd F. Shupe; Chung-Yun Hse; Robert P. Gambrell		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$60,000
				2	\$60,000
				3	\$60,000
<b>TOTAL</b>					<b>\$180,000</b>

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested	
007	B-09/SCI  New Request	Development of Novel Technologies to Utilize Hardwood Small-Diameter Timber for Value-Added Products  Louisiana State University and A&M College-Agricultural Center/Calhoun Research Station	Cheng Piao; Todd F. Shupe; Michael Blazier			
				Contain Confidential/Proprietary Information? No	1	\$54,060
					2	\$55,063
					3	\$55,228
				<b>TOTAL</b>	<b>\$164,291</b>	
008	B-09/SCI  New Request	Recycling of Decommissioned CCA-Treated Wood into a Practical Value-Added Product  Louisiana State University and A&M College-Agricultural Center/School of Renewable Natural Resources	Todd F. Shupe			
				Contain Confidential/Proprietary Information? No	1	\$60,000
					2	\$60,000
					3	\$60,000
				<b>TOTAL</b>	<b>\$180,000</b>	
009	B-09/SCI  New Request	Wood/Natural Fiber Plastic Blends as Lost Circulation Control Material in Oil Drilling Industry  Louisiana State University and A&M College-Agricultural Center/School of Renewable Natural Resources	Qinglin Wu			
				Contain Confidential/Proprietary Information? Yes	1	\$70,000
					2	\$70,000
					3	\$70,000
				<b>TOTAL</b>	<b>\$210,000</b>	
010	B-09/SCI  New Request	Effect of Essential Oil Component PN-34 on Transient Receptor Potential Vanilloid (TRPVs) in PC12 Cells  Louisiana State University and A&M College-Agricultural Center/Department of Veterinary Science	Jolene Zheng; Frank Greenway; Mike Veal			
				Contain Confidential/Proprietary Information? No	1	\$60,000
					2	\$55,000
					3	\$45,000
				<b>TOTAL</b>	<b>\$160,000</b>	
011	B-09/SCI  New Request	A Methodology to Improve Efficiency of Construction Workers  Louisiana State University and A&M College-Baton Rouge/Department of Construction Management and Industrial Engineering	Fereydoun Aghazadeh; Laura Ikuma; Isabelina Nahmens; Craig Harvey			
				Contain Confidential/Proprietary Information? No	1	\$75,000
					2	\$75,000
012	B-09/SCI  New Request	Developing a Mobile Storm Surge and Wave Monitoring Network to Improve the Prediction of Hurricane Impacts on Natural and Built Environments for Coastal Louisiana  Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	Q. Jim Chen; Robert Twilley; Joseph Suhayda			
				Contain Confidential/Proprietary Information? No	1	\$95,000
					2	\$80,000
					3	\$75,000
				<b>TOTAL</b>	<b>\$250,000</b>	

<b>NOI#</b>	<b>Title</b>	<b>Institution/Department</b>	<b>Principal Investigator</b>	<b>Duration (Yrs)</b>	<b>BoRSF Money Requested</b>
<b>013</b> B-09/SCI	Cryobanking Procedures for Human Dental Pulp Stem Cells (DPSCs)	Louisiana State University and A&M College-Baton Rouge/Department of Mechanical Engineering	Ram Devireddy		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$47,846
				2	\$47,346
				3	\$46,846
				<b>TOTAL</b>	<b>\$142,038</b>
<b>014</b> B-09/SCI	Fabrication of Ultra-Tall High Aspect Ratio Microstructures Using Novel Epoxy Laminate Resists for Medical and Precision Mechanical Application	Louisiana State University and A&M College-Baton Rouge/CAMD	Jost Goettert; Cha-Mei Tang; Don Johnson; Dawit Yemane		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>Yes</b>	1	\$125,000
				2	\$105,000
				<b>TOTAL</b>	<b>\$230,000</b>
<b>015</b> B-09/SCI	Development of a Photocatalytic Titanium Dioxide Coating for Concrete Pavement to Reduce Traffic Air Emissions in Urban Areas	Louisiana State University and A&M College-Baton Rouge/Department of Construction Management and Industrial Engineering	Marwa Hassan		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$39,544
				2	\$35,959
				<b>TOTAL</b>	<b>\$75,503</b>
<b>016</b> B-09/SCI	Novel Vaccines Against Bovine Respiratory Coronaviruses	Louisiana State University and A&M College-Baton Rouge/Department of Pathobiological Sciences	Konstantin G. Kousoulas; Vladimir N. Chouljenko; Frederick Enright		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$80,000
				2	\$85,000
				<b>TOTAL</b>	<b>\$165,000</b>
<b>017</b> B-09/SCI	Reductive Dechlorination of Halogenated Alkanes: Microorganisms and Monitoring Tools	Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	William M. Moe; Fred A. Rainey		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$65,000
				2	\$60,000
				3	\$58,000
				<b>TOTAL</b>	<b>\$183,000</b>
<b>018</b> B-09/SCI	A New Approach to Incorporate Titanium Dioxide Photocatalytic Properties on the Surface of Asphalt Concrete	Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	Louay Mohammad; Marwa Hassan; Mostafa Elseifi; Ioan Negulescu		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$65,000
				2	\$60,000
				3	\$55,000
				<b>TOTAL</b>	<b>\$180,000</b>

<b>NOI#</b>	<b>Title</b>	<b>Institution/Department</b>	<b>Principal Investigator</b>	<b>Duration (Yrs)</b>	<b>BoRSF Money Requested</b>
<b>019</b> B-09/SCI	The Use of Warm Mix Asphalt Technology for Sustainable Development of Infrastructures	Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	Louay Mohammad; Mostafa Elseifi; Marwa Hassan		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$65,000
				2	\$60,000
				3	\$55,000
				<b>TOTAL</b>	<b>\$180,000</b>
<b>020</b> B-09/SCI	A Novel Construction Methodology for Sustainable Homebuilding	Louisiana State University and A&M College-Baton Rouge/Department of Construction Management and Industrial Engineering	Isabelina Nahmens; Laura Ikuma; Marwa Hassan		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$50,873
				2	\$46,873
				<b>TOTAL</b>	<b>\$97,746</b>
<b>021</b> B-09/SCI	Development of a Steel-Rubber Base Isolator	Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	Ayman M. Okeil		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$50,000
				2	\$40,000
				3	\$35,000
				<b>TOTAL</b>	<b>\$125,000</b>
<b>022</b> B-09/SCI	An Evaluation of Adaptive Algorithms for Improving Information Search Efficiency	Louisiana State University and A&M College-Baton Rouge/Department of Information Systems and Decision Sciences	James Van Scotter; Helmut Schneider		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$75,000
				2	\$75,000
				3	\$75,000
				<b>TOTAL</b>	<b>\$225,000</b>
<b>023</b> B-09/SCI	Innovative Tools for the Isolation and Enumeration of Rare Cells: Circulating Tumor Cells	Louisiana State University and A&M College-Baton Rouge/Department of Chemistry; Department of Mechanical Engineering	Steven A. Soper; Michael C. Murphy; Jost Goertert		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>Yes</b>	1	\$145,000
				2	\$105,000
				3	\$100,000
				<b>TOTAL</b>	<b>\$350,000</b>
<b>024</b> B-09/SCI	Alkene Hydration Catalysis and Related Reactions	Louisiana State University and A&M College-Baton Rouge/Department of Chemistry	George G. Stanley		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$125,000
				2	\$100,000
				3	\$75,000
				<b>TOTAL</b>	<b>\$300,000</b>
<b>025</b> B-09/SCI	New Design for Next Generation Seamless Communications	Louisiana State University and A&M College-Baton Rouge/Department of Electrical and Computer Engineering	Hsiao-Chun Wu		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$70,000
				2	\$65,000
				3	\$65,000
				<b>TOTAL</b>	<b>\$200,000</b>

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested	
026 B-09/SCI  New Request	Novel Red Mud-based Geopolymers for Environmental and Civil Infrastructure Applications	Louisiana State University and A&M College-Baton Rouge/Department of Civil and Environmental Engineering	Guoping (Gregg) Zhang; Robert P. Gambrell	Contain Confidential/Proprietary Information? No	1	\$100,000
					2	\$80,000
					3	\$80,000
				<b>TOTAL</b>		<b>\$260,000</b>
027 B-09/SCI  New Request	Development of a Novel Drug Eluting Stent with Improved Efficacy, Safety, and Biocompatibility	Louisiana State University Health Sciences Center-Shreveport/ Department of Pharmacology, Toxicology, and Neuroscience	Tammy R. Dugas; Elyse Orchard; John D. Foley; Meghan Lund	Contain Confidential/Proprietary Information? Yes	1	\$149,349
					2	\$99,850
					3	\$99,850
				<b>TOTAL</b>		<b>\$349,049</b>
028 B-09/SCI  New Request	Sodium Nitrite Therapy for Peripheral Artery Disease	Louisiana State University Health Sciences Center-Shreveport/ Department of Pathology	Christopher G. Kevil; Mary Kim; Tony Giordano	Contain Confidential/Proprietary Information? Yes	1	\$150,000
					2	\$100,000
					3	\$100,000
				<b>TOTAL</b>		<b>\$350,000</b>
029 B-09/SCI  New Request	Development of New Vascular-Targeted Mitocans as Anti-Cancer Therapeutics	Louisiana State University-Shreveport/ Department of Chemistry and Physics	Brian A. Salvatore; Elahe Mahdavian	Contain Confidential/Proprietary Information? No	1	\$80,000
					2	\$72,000
					3	\$72,000
				<b>TOTAL</b>		<b>\$224,000</b>
030 B-09/SCI  New Request	A Distributed Online Broadcast System	Louisiana Tech University/Department of Computer Science	Mike O'Neal	Contain Confidential/Proprietary Information? Yes	1	\$150,000
					2	\$100,000
					3	\$100,000
				<b>TOTAL</b>		<b>\$350,000</b>
031 B-09/SCI  New Request	Utilization of Industrial Waste Material and Genetically Modified Soybean to Enhance Establishment of Native Prairie Plants on Sea Water Affected Soil and Dredge Spoil	McNeese State University/Department of Agricultural Sciences	David Kee; Frank Phillips; Cecilia Richmond	Contain Confidential/Proprietary Information? No	1	\$75,000
					2	\$75,000
					3	\$75,000
				<b>TOTAL</b>		<b>\$225,000</b>
032 B-09/SCI  New Request	Computational Fluid Dynamics for HydroTurbine Design Optimization	McNeese State University/Department of Engineering	Ning Zhang; Nikos Kiritzis	Contain Confidential/Proprietary Information? Yes	1	\$52,722
					2	\$34,722
					3	\$34,722
				<b>TOTAL</b>		<b>\$122,166</b>

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested
033 B-09/SCI	Transfer of Health Information Technology to Resource Poor Communities	Southern University-Baton Rouge/Department of Management	Victor W. Mbarika		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$120,000
				2	\$100,000
				3	\$100,000
			<b>TOTAL</b>		<b>\$320,000</b>
034 B-09/SCI	Novel Nanomaterials for the Environmental Decontamination of Chlorinated Hydrocarbons	Tulane University/Department of Chemical and Biomolecular Engineering	Vijay T. John; Gerhard Piringger; Gary L. McPherson		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>Yes</b>	1	\$80,000
				2	\$80,000
				3	\$80,000
			<b>TOTAL</b>		<b>\$240,000</b>
035 B-09/SCI	Adaptation of Novel Polymerization Reaction Monitoring Approaches to Industrial Scale Reactions	Tulane University/Department of Physics and PolyRMC	Wayne F. Reed; Alina M. Alb; Michael F. Drenski		
<b>Continuation</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$95,000
<b>LEQSF(2007-10)-RD-B-05</b>				2	\$90,000
				3	\$85,000
			<b>TOTAL</b>		<b>\$270,000</b>
036 B-09/SCI	Drug Delivery Systems for Glaucoma Drainage Devices	Tulane University Health Sciences Center/Department of Biochemistry	Diane A. Blake		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$80,000
				2	\$80,000
				3	\$80,000
			<b>TOTAL</b>		<b>\$240,000</b>
037 B-09/SCI	Production of Biofuels from Algae	University of Louisiana at Lafayette/ Department of Chemical Engineering	Rakesh Bajpai; Stephen Dufreche; Mark E. Zappi; Andrei Chistoserdov		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$114,000
				2	\$115,000
				3	\$121,000
			<b>TOTAL</b>		<b>\$350,000</b>
038 B-09/SCI	Adaptive, Failure-resilient Wireless Communication System Development for Usage in Disaster Management Scenarios	University of Louisiana at Lafayette/ Center for Advanced Computer Studies	Magdy Bayoumi; Soumik Ghosh; Mohamed Elgamel		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$150,000
				2	\$100,000
				3	\$100,000
			<b>TOTAL</b>		<b>\$350,000</b>
039 B-09/SCI	An Adaptive Low Cost In Situ Processing of Hydrocarbon-bearing Formations with Reconfigurable Frequency Heating	University of Louisiana at Lafayette/ Department of Petroleum Engineering	Fathi Boukadi; Ali Ghalambor		
<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	1	\$102,220
				2	\$92,243
				3	\$94,383
			<b>TOTAL</b>		<b>\$288,846</b>

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested
040	B-09/SCI	Catalytic Production of Propanediol from Renewable Sources	University of Louisiana at Lafayette/ Department of Chemical Engineering	Stephen Dufreche; Mark E. Zappi; Rakesh Bajpai	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$115,000
				2	\$105,000
				3	\$111,000
				<b>TOTAL</b>	<b>\$331,000</b>
041	B-09/SCI	Mitigation and Prevention of Asphaltene Deposition in Louisiana Oil Wells	University of Louisiana at Lafayette/ Department of Petroleum Engineering	Ali Ghalambor; Fathi Boukadi	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$96,220
				2	\$92,243
				3	\$94,383
				<b>TOTAL</b>	<b>\$282,846</b>
042	B-09/SCI	Production of Renewable Fuels from Lignocellulosics by Gasification	University of Louisiana at Lafayette/ Department of Mechanical Engineering	John Guillory; Mark E. Zappi; Stephen Dufreche; Rakesh Bajpai	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$110,000
				2	\$119,000
				3	\$121,000
				<b>TOTAL</b>	<b>\$350,000</b>
043	B-09/SCI	Development of a Technique for Locating Water and Gas Producing Zones in Horizontal Oil Wells Using DTS Data	University of Louisiana at Lafayette/ Department of Petroleum Engineering	Boyun Guo	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$115,063
				2	\$79,637
				3	\$81,405
				<b>TOTAL</b>	<b>\$276,105</b>
044	B-09/SCI	Low-head Hydropower Applications in Louisiana Rivers	University of Louisiana at Lafayette/ Institute for Coastal Ecology and Engineering	Don Hayes	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$150,000
				2	\$100,000
				3	\$100,000
				<b>TOTAL</b>	<b>\$350,000</b>
045	B-09/NON-SCI	Public-Private Partnerships for a Disaster-Resilient Louisiana	University of Louisiana at Lafayette/NIMSAT	Ramesh Kolluru; Mark Smith; Tom Anderson; Jamison Day; Shannon Strother; Michelle Valente	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$150,000
				2	\$100,000
				3	\$100,000
				<b>TOTAL</b>	<b>\$350,000</b>
046	B-09/SCI	High Density Polyethylene (HDPE)-Clay Nanocomposites with High Fracture Toughness via Cryomilling and Melt Compounding	University of Louisiana at Lafayette/ Department of Chemical Engineering and Center for Structural and Functional Materials	Devesh K. Misra	
	<b>New Request</b>			Contain Confidential/Proprietary Information? <b>No</b>	
				1	\$75,155
				2	\$75,155
				3	\$75,155
				<b>TOTAL</b>	<b>\$225,465</b>

NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested		
047 B-09/SCI	Ultrafine-Grained Advanced High Strength Microalloyed Steels Resistant to Stress-Induced Cracking	University of Louisiana at Lafayette/ Department of Chemical Engineering and Center for Structural and Functional Materials	Devesh K. Misra				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$75,155
						2	\$75,155
						3	\$75,155
				<b>TOTAL</b>	<b>\$225,465</b>		
048 B-09/SCI	Development of Repeaterless Fiber System Using Coherent Detection and Digital Signal Processing to Extend the Transmission Distance	University of Louisiana at Lafayette/ Electrical and Computer Engineering	Zhongqi Pan				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$45,000
						2	\$55,000
						3	\$50,000
				<b>TOTAL</b>	<b>\$150,000</b>		
049 B-09/SCI	Construction of Intelligent Information Infrastructure that Supports Signal Pathway Research- with a Case Study on NF- $\kappa$ B Pathway	University of Louisiana at Lafayette/ Center for Advanced Computer Studies	Vijay Raghavan; Wu Xu				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$50,000
						2	\$50,000
						3	\$50,000
				<b>TOTAL</b>	<b>\$150,000</b>		
050 B-09/NON-SCI	Cataloging the State's Cultural and Environmental Resources for Economic Success	University of Louisiana at Lafayette/ Center for Cultural and Eco-Tourism	Jennifer Ritter				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$150,000
						2	\$100,000
						3	\$100,000
				<b>TOTAL</b>	<b>\$350,000</b>		
051 B-09/SCI	Identification of Bioactive Compounds from Traditional Chinese Herbs and their Targets with the Focus on Anticancer Activity Using Experimental and Theoretical Chemical Approaches	University of Louisiana at Lafayette/ Department of Chemistry	Wu Xu; August A. Gallo; Vijay Raghavan				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$100,000
						2	\$100,000
						3	\$100,000
				<b>TOTAL</b>	<b>\$300,000</b>		
052 B-09/SCI	Visual Odometry for Unmanned Vehicles in Dirty Environments	University of New Orleans/Department of Electrical Engineering	Abdul R. Alsamman				
				<b>New Request</b>	Contain Confidential/Proprietary Information? <b>No</b>	1	\$40,000
						2	\$40,000
				<b>TOTAL</b>	<b>\$80,000</b>		



NOI#	Title	Institution/Department	Principal Investigator	Duration (Yrs)	BoRSF Money Requested	
053	B-09/SCI Development of PC-Based Distributed System (PC-BDS) for State of Louisiana Blackout Prediction and Prevention  New Request	University of New Orleans/Department of Electrical Engineering	Parviz Rastgoufard; Ittiphong Leevongwat	Contain Confidential/Proprietary Information? No	1	\$100,000
					2	\$70,000
					3	\$50,000
				<b>TOTAL</b>		<b>\$220,000</b>
054	B-09/SCI Synthesis of New Classes of Antimicrobial Agents  New Request	University of New Orleans/Department of Chemistry	Guijun Wang; Rawle I. Hollingsworth	Contain Confidential/Proprietary Information? No	1	\$100,000
					2	\$100,000
					3	\$100,000
				<b>TOTAL</b>		<b>\$300,000</b>
055	B-09/SCI Development of Mild Gasification Scheme to Retrofit Conventional Coal Power Plant to Achieve Significant Efficiency Enhancement with/without Carbon Capture  New Request	University of New Orleans/Energy Conversion and Conservation Center College of Engineering	Ting Wang; T.S. Dhanasekaran	Contain Confidential/Proprietary Information? No	1	\$100,000
					2	\$100,000
					3	\$70,000
				<b>TOTAL</b>		<b>\$270,000</b>
056	B-09/SCI Fast, Sensitive, Clinical Diagnostic Testing via Nanopore Detection and Machine Learning-Based Pattern Recognition  New Request	University of New Orleans/Department of Computer Science	Stephen Winters-Hilt	Contain Confidential/Proprietary Information? No	1	\$122,594
					2	\$97,594
					3	\$97,594
				<b>TOTAL</b>		<b>\$317,782</b>
057	B-09/SCI Improved Signal Processing and Pattern Recognition via Semi-Classical HMMs and External-Clustering SVMs  New Request	University of New Orleans/Department of Computer Science	Stephen Winters-Hilt	Contain Confidential/Proprietary Information? No	1	\$98,844
					2	\$98,844
					3	\$98,844
				<b>TOTAL</b>		<b>\$296,532</b>

SUMMARY OF NOTICES OF INTENT (NOIs) SUBMITTED TO THE INDUSTRIAL TIES RESEARCH SUBPROGRAM (ITRS) FOR FY 2009-2010 REVIEW CYCLE			
TOTAL NUMBER OF NOIs SUBMITTED	TOTAL FIRST-YEAR FUNDS REQUESTED	TOTAL FUNDS REQUESTED	TOTAL FIRST-YEAR FUNDS AVAILABLE
57	\$5,053,250	\$13,271,499	\$585,000