

DRAFT MATRIX I: Campus STEM Research Priorities Report
Categories Aligned with Battelle Research Priorities

	Digital Media	Water Mgmt.	Clean Tech	Life Sciences	Advanced Mfg.	Next-Gen Oil & Gas	Nuclear Energy	Other (Non-Battelle)
LSU AG		<ul style="list-style-type: none"> Coastal Resilience 	<ul style="list-style-type: none"> Materials & Chemicals from Biobased Materials 	<ul style="list-style-type: none"> Materials & Chemicals from Biobased Materials Food Additives Commercially Available Biomedical Products Food Crop Technology (Rice Varieties, Sweetpotato, Sugar Cane) 	<ul style="list-style-type: none"> Materials & Chemicals from Biobased Materials 	<ul style="list-style-type: none"> Chemicals from Biobased Materials (Liquid Fuels) Continuous Flow Pyrolysis of Biomass 		
LSUBR	<ul style="list-style-type: none"> Core Computing/ High Performance Computing Individual Behavior & Community Context Communication & Expression 	<ul style="list-style-type: none"> Coastal Sustainability & Environment Core Computing/ High Performance Computing Materials Science & Engineering Individual Behavior & Community Context 	<ul style="list-style-type: none"> Conventional & Renewable Energy 	<ul style="list-style-type: none"> Biological, Biotechnology & Biomedical Research Core Computing/ High Performance Computing Coastal Sustainability & Environment 	<ul style="list-style-type: none"> Materials Science & Engineering Conventional & Renewable Energy Core Computing/ High Performance Computing 	<ul style="list-style-type: none"> Conventional & Renewable Energy Individual Behavior & Community Context Communication & Expression 		<ul style="list-style-type: none"> Individual Behavior & Community Context (Social Sciences, Arts) Communication & Expression (Arts)
LSUHSCNO				<ul style="list-style-type: none"> Alcohol & Drug Abuse Neuroscience Cancer Infectious Diseases 				
LSUHSCS				<ul style="list-style-type: none"> Cardiovascular Diseases Neuroscience Cancer/Virology 				

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LA Tech	<ul style="list-style-type: none"> • Cyber & Information Systems • Matter, Materials & Multiscale Systems 	<ul style="list-style-type: none"> • Infrastructure, Energy & Environmental Systems • Science & Engineering for Health & Quality of Life • Matter, Materials & Multiscale Systems 	<ul style="list-style-type: none"> • Matter, Materials & Multiscale Systems 	<ul style="list-style-type: none"> • Science & Engineering for Health & Quality of Life • Matter, Materials & Multiscale Systems 	<ul style="list-style-type: none"> • Matter, Materials & Multiscale Systems • Infrastructure, Energy & Environmental Systems 	<ul style="list-style-type: none"> • Infrastructure, Energy & Environmental Systems • Matter, Materials & Multiscale Systems 	<ul style="list-style-type: none"> • Infrastructure, Energy & Environmental Systems 	<ul style="list-style-type: none"> • STEM Education, Entrepreneurship & Innovation (Education, Business)
LUMCON		<ul style="list-style-type: none"> • Sustainability of Clean and Adequate Water Supplies for Multiple Uses • Opportunities for Collaboration 		<ul style="list-style-type: none"> • Promote Statewide Commercialization Mechanisms and Advance Enabling Technology 				
Loyola		<ul style="list-style-type: none"> • Environmental Biology & Chemistry • Materials Science and Spectroscopic Analysis 	<ul style="list-style-type: none"> • Environmental Biology & Chemistry • Materials Science and Spectroscopic Analysis 	<ul style="list-style-type: none"> • Environmental Biology & Chemistry • Molecular Genetics & Disease • Cellular Biophysics • Advanced Nursing Education 	<ul style="list-style-type: none"> • Materials Science and Spectroscopic Analysis 			<ul style="list-style-type: none"> • Advanced Nursing Education (Education)
PBRC								
SUBR	<ul style="list-style-type: none"> • Advanced Materials & Nanotechnology • Health & Biological Sciences • Energy, Ecology & the Environment 	<ul style="list-style-type: none"> • Energy, Ecology & the Environment • Health & Biological Sciences 	<ul style="list-style-type: none"> • Energy, Ecology & the Environment • Advanced Materials & Nanotechnology 	<ul style="list-style-type: none"> • Health & Biological Sciences • Energy, Ecology & the Environment 	<ul style="list-style-type: none"> • Advanced Materials & Nanotechnology 	<ul style="list-style-type: none"> • Energy, Ecology & the Environment 		<ul style="list-style-type: none"> • Business, Commerce & Workforce Development (Business) • Understanding Human Behavior, Institutions & Cultures (Social Sciences, Humanities)

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Tulane	<ul style="list-style-type: none"> • Health-Related Research 	<ul style="list-style-type: none"> • Water Remediation, Management & Coastal Studies • Energy & Environmental Studies 	<ul style="list-style-type: none"> • Materials Science • Energy & Environmental Sciences • Water Remediation, Management & Coastal Studies 	<ul style="list-style-type: none"> • Health-Related Research • Energy & Environmental Sciences • Water Remediation, Management & Coastal Studies • Materials Science 	<ul style="list-style-type: none"> • Materials Science • Health-Related Research 	<ul style="list-style-type: none"> • Energy & Environmental Sciences 		<ul style="list-style-type: none"> • Water Remediation, Management & Coastal Studies (Policy) • Energy & Environmental Studies (Economics)
TUHSC		<ul style="list-style-type: none"> • Environmental Health • Infectious Disease Prevention & Treatment 		<ul style="list-style-type: none"> • Cancer Biology & Treatment Innovation • Environmental Health • Sustaining Health & Wellness • Infectious Disease Prevention & Treatment • Chronic Disease & Novel Therapeutic Approaches 	<ul style="list-style-type: none"> • Cancer Biology & Treatment Innovation • Environmental Health • Sustaining Health & Wellness • Infectious Disease Prevention & Treatment • Chronic Disease & Novel Therapeutic Approaches 			
ULL	<ul style="list-style-type: none"> • Computing, Digital Media & Software • Life Sciences, Healthcare & Wellness 	<ul style="list-style-type: none"> • Coastal Ecology & Water Management • Energy & Sustainability 	<ul style="list-style-type: none"> • Energy & Sustainability • Advanced Materials & Manufacturing 	<ul style="list-style-type: none"> • Coastal Ecology & Water Management • Life Science, Healthcare & Wellness 	<ul style="list-style-type: none"> • Advanced Materials & Manufacturing • Life Science, Healthcare & Wellness • Energy & Sustainability 	<ul style="list-style-type: none"> • Energy & Sustainability 		<ul style="list-style-type: none"> • Life Science, Healthcare & Wellness (Education) • Computing, Digital Media & Software (Arts, Business, Education)
ULM		<ul style="list-style-type: none"> • Agricultural, Biological and Environmental Advancements 		<ul style="list-style-type: none"> • Biomedical & Healthcare Advancements • Agricultural, Biological and Environmental Advancements 	<ul style="list-style-type: none"> • Biomedical & Healthcare Advancements • Agricultural, Biological and Environmental Advancements 			

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UNO	<ul style="list-style-type: none"> Information Assurance & Cyber Security 	<ul style="list-style-type: none"> Coastal Resilience 	<ul style="list-style-type: none"> Advanced Materials Naval Architecture & Marine Engineering 	<ul style="list-style-type: none"> Advanced Materials Coastal Resilience 	<ul style="list-style-type: none"> Advanced Materials Naval Architecture & Marine Engineering 			<ul style="list-style-type: none"> Naval Architecture & Marine Engineering (Vehicle Design)
Xavier			<ul style="list-style-type: none"> Materials Science 	<ul style="list-style-type: none"> Cancer Research Nanomedicine & Drug Delivery Health Disparities 	<ul style="list-style-type: none"> Nanomedicine & Drug Delivery Materials Science 			<ul style="list-style-type: none"> Health Disparities