

**SERRI IMPACT ON STEM EDUCATION**  
**GRADUATE STEM DEGREES TO BE COMPLETED OR IN THE PIPELINE FROM SERRI-FUNDED RESEARCH**  
**DRAFT – January 5, 2009 - DRAFT**

University	SERRI Project	Number of STEM Graduate Degrees	
		13 - Masters Theses	13 – Doctoral Dissertations
Jackson State University	70004 - Multi-Purpose, Multi-Scale Storm Surge and Flood Forecasting for Planning and Preparedness		1 - Urban and Regional Planning
Mississippi State University	63880 – Rapid Detection of Agriterrorism via Remote Sensing	1 – Electrical and Computer Engineering	3 – Electrical and Computer Engineering
Mississippi State University	63886 – Semantics-Driven Knowledge Discovery System for Wide Area Monitoring of Electric Power Grid	2 – Electrical Engineering 1 – Computer Engineering	
University of Mississippi	63888 – Nano-Particle Reinforced Composites for Critical Infrastructure Protection	3 – Civil Engineering	4 – Civil Engineering
University of Mississippi	63889 – Specification, Validation and Verification of Imagery Products for Disaster Management and Response	1 – Geology	1 – Geological Engineering
University of Mississippi	70023 – Structural, Material and Geotechnical Solutions to Levee and Floodwall Construction and Retrofitting		3 – Civil Engineering
Tennessee State University	64100- Localization and Tracking System (LTS) of a Client Process for an Internal Wireless Network	3 – Computer and Information Systems Engineering	1 – Computer and Information Systems Engineering (CISE)
Tennessee State University	64101 – Wireless Authentication, Localization and Tracking System Using Radio Frequency Identification	1 – Computer and Information Systems Engineering	
University of Tennessee	64200 - Data-Sharing Middleware for Information Dissemination Among Heterogeneous Sources	1 – Electrical Engineering	

