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## MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

### MOSIS LONGITUDINAL DATA SYSTEM

**Project Start Date: 3/2/2009**

**Project End Date: 3/1/2012**

**Amount Awarded: \$8,967,685**

The Missouri Department of Elementary and Secondary Education (DESE) seeks \$8,967,685 funding for foundation and expansion components for its MOSIS system. MOSIS will define, collect, store, and provide access to education data that support datadriven decision making from the classroom to the Legislature. Significant work is required to convert fully from our aggregate reporting to the required unit records.

DESE will use the funds to build a functional longitudinal data system; to build the infrastructure for interoperability between DESE and individual districts and schools, postsecondary education, and workforce data; and to rebuild the ED Facts reporting system after the conversion from aggregate to unit record source data.

Major deliverables include: 1) a training and support system for teachers and other users; 2) a data repository to consolidate longitudinal data; 3) portal to manage collection, access, and reporting of data; 4) a set of standards for all agencies sharing data through interoperability including alignment of individual identifiers (e.g., student, teacher, staff), and; and 5) a teacher certification system to keep pace with the increased demands for verification and reporting.

This project will be governed by the P-20 Council and managed by DESE. The Council which, was created in statute in 2006, has dedicated staff and active participation from the Commissioners of Education (P-12) and Higher Education, the Director of the Department of Economic Development, as well as the chairs of the two education governing boards. The collaborative work toward P-20 longitudinal data and analysis began in earnest in 2006 when Governor Blunt convened a task force consisting of representatives from DESE, DHE, DED, and the University of Missouri (UM) to make recommendations for coordinating data throughout the education continuum. This important work in has continued to-date and has resulted in significant commitments of time, talent and resources. This interagency support helps ensure sustainability while creating a true P-20 perspective. The focus of the grant activities is on the K-12 longitudinal data foundation needed to support the eventual P-20 solution.

Missouri knows the solution. State funds have been used to implement it slowly on a voluntary basis. With an initial investment of \$3 million over the past three years, we have made a significant start. We have begun to convert from aggregate records to unit records for students and teachers. However, this conversion causes us to reconstruct our current processes for ED Facts, FERPA compliance, and sharing data with schools and districts. This grant will provide the resources over the next three years both to accelerate our progress and to ensure our success. DESE has pre-arranged for procurements and has

planned a timely start and implementation. Project objectives have been tied to benchmarks so our annual evaluation of the project can determine our success. The broad-based support for this project, from schools, the Legislature, Governor's Office, UM, and multiple state-level departments gives us confidence that we are targeting the right objectives and deliverables.