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## 5. Project Abstract

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### ***Project Title***

The NC P-20W SLDS Project: *Creating a Preschool to Workforce Statewide Longitudinal Data System in North Carolina*

### ***Project Description***

The state of North Carolina, Governor Beverly Perdue and its key educational agencies believe in providing a valuable educational for NC children by focusing on the *Career & College: Ready, Set, Go* initiative. It is essential that North Carolina develop the existing partnerships and capabilities to create a longitudinal data system that connects student data from preschool to workforce to support Governor Perdue's education initiatives.

The statewide longitudinal data system envisioned by the P-20W SLDS Project enables North Carolina's Department of Public Instruction (NCDPI) to satisfy key aspects of our state's educational priorities, working with partner agencies in workforce and higher education. Funds allocated through this grant (Priority 3) would go toward the following objectives to enhance North Carolina's efforts in establishing a P-20W SLDS:

- ◆ Establish common infrastructure for each student in post-secondary education systems and coordinate UIDs with workforce data
- ◆ Establish a data broker based system so that agency researchers can ask questions that each of the data systems linked can answer
- ◆ Automate regular cross-agency reporting
- ◆ Provide key data to empower the legislature and NC policy makers to make better decisions concerning funding, program assessments, as well as identifying trends in North Carolina education

### ***Expected Outcomes***

The data broker and distributed query system established through this grant will enable smarter, more targeted data sharing among partners and their researchers. This federated database system will transparently integrate multiple autonomous database systems into a single database system, enabling North Carolina to answer tougher questions about our educational system and make more informed decisions about its future. This grant would provide funds to enhance the state's substantial momentum in moving toward a shared, interoperable SLDS, focusing on the data of students after graduation from high school.

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