

# **U.S. Department of Education**

Washington, D.C. 20202-5335



## **APPLICATION FOR GRANTS UNDER THE**

**STATEWIDE LONGITUDINAL DATA SYSTEM RECOVERY ACT GRANTS  
CFDA # 84.384A  
PR/Award # R384A100039**

Closing Date: DEC 04, 2009

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**Application for Federal Assistance SF-424**

Version 02

* 1. Type of Submission	* 2. Type of Application:* If Revision, select appropriate letter(s):	
<input type="checkbox"/> Preapplication	<input checked="" type="checkbox"/> New	
<input checked="" type="checkbox"/> Application	<input type="checkbox"/> Continuation	* Other (Specify)
<input type="checkbox"/> Changed/Corrected Application	<input type="checkbox"/> Revision	

* 3. Date Received:	4. Applicant Identifier:
12/4/2009	

5a. Federal Entity Identifier:	* 5b. Federal Award Identifier:
	N/A

**State Use Only:**

6. Date Received by State:	7. State Application Identifier:

**8. APPLICANT INFORMATION:**

\* a. Legal Name: Ohio Department of Education

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:
311334820	809174378

**d. Address:**

* Street1:	25 South Front St
Street2:	
* City:	Columbus
County:	Franklin
State:	OH
Province:	
* Country:	USA
* Zip / Postal Code:	43215

**e. Organizational Unit:**

Department Name:	Division Name:

**f. Name and contact information of person to be contacted on matters involving this application:**

Prefix:	* First Name:	Beth
Middle Name:		

\* Last Name: Juillerat

Suffix:

Title: Chief Information Officer

Organizational Affiliation:

\* Telephone Number: (614)752-8368 Fax Number:

\* Email: BETH.JUILLERAT@ODE.STATE.OH.US

**Application for Federal Assistance SF-424** Version 02

**9. Type of Applicant 1: Select Applicant Type:**

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**10. Name of Federal Agency:**

U.S. Department of Education

**11. Catalog of Federal Domestic Assistance Number:**

84.384A

CFDA Title:

Statewide Longitudinal Data System Recovery Act Grants

**\* 12. Funding Opportunity Number:**

ED-GRANTS-072909-001

Title:

Institute of Education Sciences;(IES) Grant Program for Statewide Longitudinal Data Systems Recovery Act Program

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

**\* 15. Descriptive Title of Applicant's Project:**

Ohio's Statewide Longitudinal Data System Grant Proposal  
America Recovery and Reinvestment Act: Taking the Necessary Actions to Ensure  
Effective Use of P-20 Data

Attach supporting documents as specified in agency instructions.

**Attachment:**

Title :

File :

**Attachment:**

Title :

File :

**Attachment:**

Title :

File :

**Application for Federal Assistance SF-424**

Version 02

**16. Congressional Districts Of:**

\* a. Applicant: All

\* b. Program/Project: All

Attach an additional list of Program/Project Congressional Districts if needed.

**Attachment:**

Title :

File :

**17. Proposed Project:**

\* a. Start Date: 7/1/2010

\* b. End Date: 6/30/2013

**18. Estimated Funding (\$):**

a. Federal	\$
b. Applicant	\$
c. State	\$
d. Local	\$
e. Other	\$
f. Program Income	\$
g. TOTAL	\$ 0

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on .

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes  No

**21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

Prefix: \* First Name: Beth

Middle Name:

\* Last Name: Juillerat

Suffix:

Title: Chief Information Officer

\* Telephone Number: (614)752-8368 Fax Number:

\* Email: BETH.JUILLERAT@ODE.STATE.OH.US

\* Signature of Authorized Representative: \* Date Signed:

**Application for Federal Assistance SF-424**

Version 02

**\* Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.



**U.S. DEPARTMENT OF EDUCATION**

**BUDGET INFORMATION**

**NON-CONSTRUCTION PROGRAMS**

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:  
Ohio Department of Education

Applicants requesting funding for only one year should complete the column under "Project Year 1." Applicants requesting funding for multi-year grants should complete all applicable columns. Please read all instructions before completing form.

**SECTION A - BUDGET SUMMARY**  
**U.S. DEPARTMENT OF EDUCATION FUNDS**

Budget Categories	Project Year 1(a)	Project Year 2 (b)	Project Year 3 (c)	Project Year 4 (d)	Project Year 5 (e)	Total (f)
1. Personnel	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2. Fringe Benefits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3. Travel	\$ 2,500	\$ 2,500	\$ 2,500	\$ 0	\$ 0	\$ 7,500
4. Equipment	\$ 0	\$ 903,145	\$ 0	\$ 0	\$ 0	\$ 903,145
5. Supplies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
6. Contractual	\$ 860,598	\$ 1,693,160	\$ 1,671,480	\$ 0	\$ 0	\$ 4,225,238
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9. Total Direct Costs (lines 1-8)	\$ 863,098	\$ 2,598,805	\$ 1,673,980	\$ 0	\$ 0	\$ 5,135,883
10. Indirect Costs*	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 863,098	\$ 2,598,805	\$ 1,673,980	\$ 0	\$ 0	\$ 5,135,883

**\*Indirect Cost Information (To Be Completed by Your Business Office):**

If you are requesting reimbursement for indirect costs on line 10, please answer the following questions:

(1) Do you have an Indirect Cost Rate Agreement approved by the Federal government?  Yes  No

(2) If yes, please provide the following information:

Period Covered by the Indirect Cost Rate Agreement: From: \_\_\_/\_\_\_/\_\_\_ To: \_\_\_/\_\_\_/\_\_\_ (mm/dd/yyyy)

Approving Federal agency:  ED  Other (please specify): \_\_\_\_\_ The Indirect Cost Rate is 0%

(3) For Restricted Rate Programs (check one) -- Are you using a restricted indirect cost rate that:

Is included in your approved Indirect Cost Rate Agreement? or,  Complies with 34 CFR 76.564(c)(2)? The Restricted Indirect Cost Rate is 0%



**U.S. DEPARTMENT OF EDUCATION**

**BUDGET INFORMATION**

**NON-CONSTRUCTION PROGRAMS**

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:  
Ohio Department of Education

Applicants requesting funding for only one year should complete the column under "Project Year 1." Applicants requesting funding for multi-year grants should complete all applicable columns. Please read all instructions before completing form.

**SECTION B - BUDGET SUMMARY**

**NON-FEDERAL FUNDS**

Budget Categories	Project Year 1(a)	Project Year 2 (b)	Project Year 3 (c)	Project Year 4 (d)	Project Year 5 (e)	Total (f)
1. Personnel	\$ 750,000	\$ 1,000,000	\$ 750,000	\$ 0	\$ 0	\$ 2,500,000
2. Fringe Benefits	\$ 225,000	\$ 300,000	\$ 225,000	\$ 0	\$ 0	\$ 750,000
3. Travel	\$ 1,250	\$ 1,250	\$ 1,250	\$ 0	\$ 0	\$ 3,750
4. Equipment	\$ 300,000	\$ 300,000	\$ 300,000	\$ 0	\$ 0	\$ 900,000
5. Supplies	\$ 500	\$ 500	\$ 500	\$ 0	\$ 0	\$ 1,500
6. Contractual	\$ 100,000	\$ 100,000	\$ 100,000	\$ 0	\$ 0	\$ 300,000
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9. Total Direct Costs (lines 1-8)	\$ 1,376,750	\$ 1,701,750	\$ 1,376,750	\$ 0	\$ 0	\$ 4,455,250
10. Indirect Costs	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 1,376,750	\$ 1,701,750	\$ 1,376,750	\$ 0	\$ 0	\$ 4,455,250

## ASSURANCES - NON-CONSTRUCTION PROGRAMS

Standard Form 424B (Rev.7-97)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management, and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. "4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. "1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. '794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. "276a to 276a-7), the Copeland Act (40 U.S.C. '276c and 18 U.S.C. "874) and the Contract Work Hours and Safety Standards Act (40 U.S.C. " 327-333), regarding labor standards for federally assisted construction sub-agreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. "1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. "7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. "1721 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance

of 1975, as amended (42 U.S.C. " 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) " 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. " 290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. ' 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

7. Will comply, or has already complied, with the requirements of Titles II and III of the uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with the provisions of the Hatch Act (5 U.S.C. "1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. '470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. "469a-1 et seq.).

14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. "2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. "4801 et seq.) which prohibits the use of lead- based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

**Signature of Authorized Certifying Representative:**

**Name of Authorized Certifying Representative:** Beth Juillerat

**Title:** Chief Information Officer

**Date Submitted:** 12/03/2009

### Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

<b>1. Type of Federal Action:</b> <input type="checkbox"/> Contract <input type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Loan <input type="checkbox"/> Loan Guarantee <input type="checkbox"/> Loan Insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> Bid/Offer/Application <input type="checkbox"/> Initial Award <input type="checkbox"/> Post-Award	<b>3. Report Type:</b> <input type="checkbox"/> Initial Filing <input type="checkbox"/> Material Change <b>For Material Change only:</b> Year: 0 Quarter: 0 Date of Last Report:
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier, if known: 0  Name: Address: City: State: Zip Code + 4: -  <b>Congressional District, if known:</b>	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>  Name: Address: City: State: Zip Code + 4: -  <b>Congressional District, if known:</b>	
<b>6. Federal Department/Agency:</b>	<b>7. Federal Program Name/Description:</b>  CFDA Number, if applicable:	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known: \$0</b>	
<b>10. a. Name of Lobbying Registrant</b> (if individual, last name, first name, MI): Address: City: State: Zip Code + 4: -	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): Address: City: State: Zip Code + 4: -	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Name: Beth Juillerat Title: Chief Information Officer Applicant: Ohio Department of Education Date: 12/03/2009	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

## CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal Loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance.

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee or any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

### APPLICANT'S ORGANIZATION

Ohio Department of Education

### PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix:                      First Name: Beth    Middle Name:

Last Name: Juillerat    Suffix:

Title: Chief Information Officer

Signature: \_\_\_\_\_    Date: 12/03/2009



# Project Narrative

## Project Narrative - Project Abstract

### Attachment 1:

Title: **Ohio Project Abstract** Pages: **1** Uploaded File: **C:\Documents and Settings\mitch.meredith\My Documents\LDS Grant\Final Docs\Abstract.pdf**

## **Ohio: Taking the Necessary Actions to Ensure the Effective Use of Data**

**Funding amount requested: \$5,135,883**

Ohio's P-12 and higher education data systems are highly regarded at the state and national levels and both contain a wealth of longitudinal information and decision support capabilities for their stakeholders. Additionally, two previously awarded Statewide Longitudinal Data System (SLDS) grants are enabling Ohio to improve system interoperability through the implementation of data standards based upon the Schools Interoperability Framework (SIF) for both data reporting to the state and student records exchange between local education agencies.

However, gaps in the system still exist. The current P-12 student data system within ODE cannot be linked to data on students served by early childhood programs or services funded within other state agencies, nor can it be linked to postsecondary education student data. Longitudinal student data exists in the P-12 data warehouse but the focus of analysis has been on building and district performance for accountability purposes rather than for longitudinal analysis of student achievement, teacher effectiveness or program effectiveness.

The Ohio Department of Education (ODE) and the Ohio Board of Regents (OBR) are committed to building a high quality P-20 SLDS that supports continuous improvement at all levels of the education system. ODE and OBR are dedicated to taking the actions necessary to ensure that Ohio's SLDS will be used to identify early childhood programs that are associated with strong school readiness outcomes, identify programs that encourage students to stay in school, identify students who are falling behind and implement remediation strategies, provide information on teacher and principal effectiveness and determine students' preparation to meet the demands of postsecondary education and the 21<sup>st</sup> century workforce.

### **State Legislative Changes & Interagency Collaboration Support a P-20 SLDS**

Recent state legislative changes require that all early childhood programs, services and funding currently administered by multiple state agencies be administered by ODE. Legislation also requires the development of a standard high school transcript format for sharing data with postsecondary institutions. Proposed legislation would enable the use of the P-12 student identifier by higher education and allow the creation of a single P-20 data repository. Collaborative discussions between the various state agencies and the governor's office occur on a regular basis including two formal groups -the Early Childhood Cabinet and College and Career Readiness Policy Institute.

### **Proposed Actions for Building a P-20 SLDS and Ensuring Effective Use of Data**

Ohio is requesting funds to expand the ability of its SLDS to link and share student data, to ensure data can be accessed by stakeholders, to build the capacity for effective use of data and to provide professional development and training to stakeholders to ensure effective use of data. The outcomes will include:

- Development of an early childhood data system integration plan
- Implementation of an electronic transcript brokerage service for sharing transcript data between P-12 and Higher Education
- Expansion of Ohio's Statewide Longitudinal Data Warehouse to facilitate analysis of program effectiveness and to address other key policy questions
- Development of reporting and analysis user tools to address key policy questions and ensure transparency of data reporting

# Project Narrative

## Project Narrative - Project Narrative

Attachment 1:

Title: **Ohio Project Narrative** Pages: **30** Uploaded File: **C:\Documents and Settings\mitch.meredith\My Documents\LDS Grant\Final Docs\Project Narrative.pdf**

**Ohio's  
Statewide Longitudinal Data System Grant Proposal  
America Recovery and Reinvestment Act**

**Taking the Necessary Actions to Ensure Effective Use of P-20 Data**

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**Need for Project**

Over the past decade, Ohio's education system has been steadily improving. The state was listed sixth in the nation in the 13<sup>th</sup> annual Quality Counts report released in Education Week in January 2009. Just 10 years ago, Ohio was "stuck in the middle" when compared to other states. However, we know that our students lag behind our international comparison groups in performance and preparation for life and work in the 21<sup>st</sup> century.

Ohio Governor Ted Strickland's education reform plan utilizes the following guidelines to transform Ohio's public education system into a 21<sup>st</sup> century P-20 system to meet the needs of all students.

- The mission for public education in the state of Ohio is the full development of all students to reach their fullest potential and to become successful economically, to experience social and emotional well-being, and to function as a productive citizen in a global society.
- The vision for public education in the state of Ohio is the establishment and maintenance of student-centered, personalized 21st century learning environments that foster and nurture creativity, innovation, and global competence to meet the needs of all students.

**Early Learning**

Ohio's commitment to measuring progress and data-based decision making begins with the state's youngest learners. In FY2009, more than 43,000 children received services through three early education programs: Early Childhood Education (ECE), Preschool Special Education (PSE), and the Early Learning Initiative (ELI). All state funded early

childhood programs participate in a comprehensive accountability system and report data to the Ohio Department of Education (ODE) via centralized data collection systems.

All students in ELI, ECE, and PSE programs are required to participate in the Get It, Got It, Go (GGG) literacy assessment in fall and spring of each preschool year. Children in these programs made statistically significant growth from fall to spring each year on tasks of picture naming, rhyming and alliteration (predictors of later reading success). Results show that the children participating in our preschool programs tend to score higher on these measures than children of a demographically similar population.

Results of the statewide Kindergarten Readiness Assessment—Literacy (KRA-L), which is taken at the beginning of the kindergarten year, showed slight increases in the average statewide performance and percentages of children scoring in the two highest score bands (scores of 14 or higher out of 29 points) from FY06 to FY09. In FY09, 41% of K students entered kindergarten with strong literacy skills and were to be assessed further for enriched instruction; 39% of K students were beginning to master the foundational skills for reading instruction and were to be assessed further for targeted instruction; and 20% of K students needed additional support services and were to be assessed further for intense instruction.

While the GGG and KRA-L results are positive, ODE sees achievement gaps related to race/ethnicity, poverty, and Limited English Proficiency (LEP) in our youngest learners and finds this to be a challenge. In addition, ODE finds the challenge of not having a single unique identifier for all children ages 0-5 to be a challenge in analyzing data longitudinally and relating preschool and grade K outcomes to early education, care experiences and teacher effectiveness.

### **K-12 Progress**

Ohio's K-12 public education system currently serves 1.8 million students. Ohio's 2009 Report Card showed improvement on measures of student success. Ohio's Performance Index, a weighted average of all tested subjects in grades 3-8 and 10, reflects the achievement of every student. The ongoing upward trend in the Performance Index illustrates continued improvement by Ohio's students during the 2008-2009 school year. Ohio's Performance Index increased by more than 26 percent since the measure was introduced during the 1999-2000 school year.

Ohio's graduation rate for 2007-2008 (the most recent year of available data) is 84.6 percent. This represents only the second decrease in the graduation rate in the past 10 years. In 1997-1998, 80.2 percent of Ohio's students graduated from high school. The challenge remains to ensure that graduation rates increase, and that all students graduate with the knowledge and skills needed for success in postsecondary education and the workforce.

At the same time, the data show that not all groups of students are graduating at the same rate. Despite the fact that some gaps between groups of students have narrowed,

African American, Hispanic, disabled and low income students graduate at much lower rates compared to other students.

Two years ago, through the availability of longitudinal student data in Ohio's Statewide Longitudinal Data System (SLDS), ODE enhanced its performance accountability system to include two new measures – the growth model and a value-added computation. These measures give schools credit for students' academic progress over time and provide a clearer picture of where successes are occurring and where challenges still exist.

As part of the education reform plan, Ohio is currently embarking on a process to update academic content standards to meet the needs of a 21<sup>st</sup> century system with a focus on coherence, focus, and rigor. Similarly, the state assessment system will be updated to align with the new standards. The high school exam structure will be updated to include a mandated, nationally standardized assessment and a series of end-of-course examinations. As part of this work, Ohio is internationally benchmarking its standards and assessments to high performing countries and exams such as Trends in International Mathematics and Science Study (TIMSS) and Program for International Student Assessment (PISA) as well as piloting performance-based assessments. The accountability system will eventually be adjusted to factor in these new assessments.

### **Higher Education**

Almost 500,000 students enroll in Ohio's public colleges and universities each fall, and an additional 170,000 enroll at Ohio's private, not-for-profit and private for-profit institutions. Over the last year, the Ohio Board of Regents (OBR) has developed a strategic plan for higher education focused on raising the educational attainment of the state, based upon three goals: graduate more students, keep more graduates here, and – recognizing that we will never keep 100% of graduates here because of the dynamics of a global economy – attract more people with college degrees to the state than are lost. The strategic plan defines 20 specific metrics by which the performance of the system will be measured grouped into accessibility to higher education. While much progress has been made, there is still much work to be done.

Ohio's higher education participation by 18-24 year-olds parallels the nation, but for adults 25-49 year-olds, participation is far below national averages, and participation by all ages is much lower than other Midwest states.

Thirty-nine percent of recent high school graduates who enroll in college take remedial mathematics or English classes. This high rate of remediation is a drain on both public resources and students' personal resources. It also signals a lack of alignment between high school graduation expectations and those of the first year of college.

Ohio has seen a slight increase in the number of students enrolled in 4-year institutions who complete a bachelor's degree or are still enrolled in college within 6 years (58% Fall 1998 Cohort to 60% Fall 2001 Cohort), but a slight decrease in degree attainment

or continued enrollment for those enrolled in 2-year institutions (59% Fall 2001 Cohort to 56% Fall 2005 Cohort).

### **Need to Expand upon Ohio's Existing Statewide Longitudinal Data System**

Ohio recognizes the importance of a seamlessly integrated P-20 statewide longitudinal data system to inform policy and decision making from the classroom to the state house while providing transparent, accessible and understandable information to parents, educators and the public.

Both Ohio's P-12 and higher education data systems are highly regarded at the state and national levels and both contain a wealth of longitudinal information and decision support capabilities for their stakeholders. Ohio meets 9 of the 10 Data Quality Campaign (DQC) Essential Elements for a longitudinal data system and 12 of the 15 State Higher Education Executive Officers (SHEEO) Characteristics of an Ideal Postsecondary Data System. Details of Ohio's status on each of the elements and characteristics are provided on pages 1 and 2 of Appendix A.

Additionally, two previously awarded SLDS grants are enabling Ohio to improve system interoperability through the implementation of standard data structures, data formats and data definitions based upon the Schools Interoperability Framework (SIF) for both vertical data reporting from Local Education Agencies (LEA) to the state and for student records exchange between LEAs. Access to Ohio's SLDS data and to web based reporting and analytical capabilities is provided through two robust data warehouses - one for local data analysis by teachers, building administrators and district administrators down to the identifiable student level and one for statewide data analysis via a unique student identifier for all stakeholders. Varying levels of secure access to the data are provided in accordance with the Family Educational Rights and Privacy Act (FERPA) and the Ohio Revised Code (ORC). Two data warehouses are necessary to meet the needs of the stakeholders as the ORC prohibits ODE from having the student name and crosswalk to the unique student identifier. The system that assigns each P-12 student a unique statewide student identification code (SSID) is hosted by a third party vendor and the Local Data Analysis Data Warehouse is hosted by one of the regional information technology centers that support LEAs in Ohio. Architectural diagrams providing an overview of Ohio's system and highlighting the system components being developed or enhanced utilizing the 2006 and 2009 grant funding are provided on pages 3 and 4 of Appendix A.

Ohio's data systems support continuous improvement and informed decision making by LEAs, postsecondary institutions and state officials. However, the ability of these systems needs to be expanded to link and share data across the P-20 education pipeline. This will help to support state and federal education reform efforts and to ensure students are successful as they transition through all levels of the education system and into the workforce.

The political will exists in Ohio to remove the traditional barriers that have previously prevented data linkages and data sharing across the P-20 education pipeline and

across state agencies. This is evidenced by the following legislative actions:

- 3301.0723 ORC enables the use of the Statewide Student Identifier (SSID) for students in the Help Me Grow program administered by the Department of Health, adding another group of Pre-K students to the SLDS.
- Amended Substitute House Bill 1 passed in July 2009, requires the integration into ODE all early childhood programs currently administered by other state agencies
- 3301.46 ORC requires the development of a standard high school transcript format for sharing data with postsecondary institutions
- Companion bills (Senate Bill 207 and HB 370 of the 128<sup>th</sup> General Assembly), allowing the use of the SSID by higher education and enabling the creation of a statewide P-20 longitudinal data repository at ODE, have been introduced and are supported by the Governor.

Additionally, the following formal collaborative efforts are occurring between agencies:

- The Governor established an Early Childhood Cabinet to set and coordinate state policy and programs serving Ohio children ages prenatal to age six across state agencies.
- ODE, OBR, the Governor's office and legislative staff are all active participants in the College and Career Readiness Policy Institute (CCPRI) initiative.
- A legislative mandated advisory board exists for the P-12 data collection system and includes stakeholder representation from both P-12 and higher education.

Ohio will take the necessary action steps as outlined by the DQC to ensure the effective use of data to enhance its existing SLDS to meet all of the elements defined in the America Competes Act. Funding is being requested in this grant proposal and in Ohio's Race to the Top (RTTT) proposal to enable Ohio to close the gaps between our current system and our vision for a P-20 SLDS. The following table provides a summary of the needs in Ohio related to each of the steps.

DQC Action Steps for Effective Use of Data		Needs in Ohio
<p><b>Expand</b> the ability of state longitudinal data systems to link across the P-20 education pipeline and across state agencies</p>	Link K-12 data systems with early childhood, postsecondary education, workforce, social services and other critical state agency data systems.	<p>The current P-12 student data system within ODE cannot be linked to data on students served by early childhood programs and services funded by other state agencies, nor can they be linked to postsecondary education student data.</p> <p>A mechanism for sharing transcript data electronically between P-12 and higher education does not exist.</p>
	Create stable, sustained support for robust state longitudinal data systems.	
	Develop governance structures to guide data collection, sharing and use.	
	Build state data repositories that integrate student, staff, financial and facility data.	
<p><b>Ensure</b> that data can be accessed, analyzed and used, and communicate data to all stakeholders to promote continuous improvement</p>	Implement systems to provide all stakeholders timely access to the information they need while protecting student privacy.	<p>The Statewide Longitudinal Data Warehouse does not contain all of the data collected on early childhood, special education or teacher preparation programs and the reporting and analysis tools focus on accountability and compliance rather than longitudinal analysis of student progress over time, program effectiveness or teacher effectiveness.</p>
	Create progress reports with individual student data that provide information educators, parents and students can use to improve student performance.	
	Create reports that include longitudinal statistics on school systems and groups of students to guide school, district and state-level improvement efforts.	
<p><b>Build</b> the capacity of all stakeholders to use longitudinal data for effective decision making</p>	Develop a purposeful research agenda and collaborate with universities, researchers and intermediary groups to explore the data for useful information.	<p>Ohio has not developed a purposeful research agenda to explore the wealth of data for useful information.</p> <p>Ohio has a multitude of professional development opportunities but does not have a cohesive systemic approach to ensure educators know how to access, analyze and use data appropriately.</p>
	Implement policies and promote practices, including professional development and credentialing, to ensure that educators know how to access, analyze and use data appropriately.	
	Promote strategies to raise awareness of available data and ensure that all key stakeholders, including state policy makers, know how to access, analyze and use information.	

Successful grant proposals for Ohio – in both the American Recovery and Reinvestment Acts (ARRA) SLDS and the RTTT competitions- would enable Ohio to bridge the gaps in longitudinal data linkages, provide the right data to the right people to improve student performance and ensure that the capacity to use data effectively exists with educators and all stakeholders. The SLDS would facilitate the tracking of student progress, enable linkage of student achievement to teachers, and link teachers to their education preparation programs. Page 6 of Appendix A contains a summary diagram of which system components will be addressed in this proposal and which are proposed investments for the RTTT. Additionally, page 12 of Appendix A provides a summary of Ohio’s focus on data in its RTTT proposal.

This proposal – which is based upon input from wide variety of stakeholders, including educators, information technology center personnel, early childhood and higher education experts, governor’s office staff, and education program specialists, will focus on the following outcomes:

<p><b>Outcome 1: Development of an Early Childhood Data System Integration Plan</b> Development of a plan that includes business requirements, technical requirements and a proposed timeline to integrate all Early Learning data systems across state agencies.</p>
<p><b>Outcome 2: Implementation of an e-Transcript Brokerage Service</b> Implement an e-Transcript System using a brokerage service provider to exchange high school transcripts with postsecondary institutions</p>
<p><b>Outcome 3: Expansion of Ohio’s Statewide Longitudinal Data Warehouse</b> Expansion of the Statewide Longitudinal Data Warehouse to include additional data on early childhood, special education, finance, teacher preparation programs, professional development and Higher Education data.</p>
<p><b>Outcome 4: Development of Reporting and Analysis User Tools</b> Development of user interface(s) utilizing a combination of ODE’s existing Business Intelligence (BI) and statistical tools that allows secure user friendly access to the Statewide Longitudinal Data Warehouse and provides customizable reporting and analysis capabilities. This includes the development of building and district early warning reports, analysis of teacher and program effectiveness, longitudinal analysis of student performance and reporting and analysis of EDFacts and finance data.</p>

The following tables explain the current status of Ohio’s SLDS for each of the Required System Capabilities described in the grant RFA and for each of the America Competes Act Elements. Areas of need and proposed outcomes to address the needs are identified for each requirement. A summary chart of this information is included in Appendix C.

### **Required System Capability**

The system must enable States to examine student progress and outcomes over time, including students' preparation to meet the demands of postsecondary education, the 21st century workforce, and the Armed Forces. Such a system must include data at the individual student level from preschool through postsecondary education and into the workforce (e.g., employment, wage, and earnings information).

### **Current Status**

The existing P-12 data system enables Ohio to examine student progress over time from Preschool (Public and Special Education) through the 12th grade by using a unique SSID to collect student level data. Through the use of these data, Ohio has been able to enhance its accountability system to include Value Added and Growth Model elements, which measure student progress over time. The early childhood Help Me Grow program, currently administered by the Department of Health, is in the process of transitioning to the utilization of the SSID for the children it serves and these data will be added to the SLDS. State legislation passed in July of 2009 requires that all early learning programs administered by other State of Ohio agencies to be transitioned to ODE for administration. The development of the transition plan for these programs is in progress and will be completed by the end of December, 2009. One of the goals of this transition is to integrate all early childhood data systems into ODE, including utilizing the existing P-12 SSID system to assign identification numbers to children in all early childhood programs. Additional legislative changes may be required to full implement this data collection in entirety.

Individual student level data are also collected for postsecondary education and are linked to workforce data (employment and wage data) through the use of the Social Security Number (SSN). Existing state legislation is restrictive on the allowable uses of the SSID and does not permit it to be used at the postsecondary level. However, proposed legislation in both the Senate and the House of Representatives, and supported by the Governor, would eliminate this restriction, enable the use of the SSID by postsecondary education and allow the creation of a P-20 data repository at ODE.

### **Needs**

Ohio's Statewide Longitudinal Data System needs to utilize the same unique SSID for all early childhood programs and for postsecondary education and these data need to be included in the Statewide Longitudinal Data Warehouse.

### **Proposed Outcomes to Address the Needs**

Outcome 1: Development of an Early Childhood Data System Integration Plan

Outcome 3: Expansion of Ohio's Statewide Longitudinal Data Warehouse

### **Required System Capability**

The system must facilitate and enable the exchange of data among agencies and institutions within the State and between States so that data may be used to inform policy and practice. Such a system would support interoperability by using standard data structures, data formats, and data definitions to ensure linkage and connectivity among the various levels and types of data.

### **Current Status**

Utilizing funds from the 2006 Institute of Education Sciences (IES) SLDS grant, Ohio is

