

# **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 # R384A100038**

Closing Date: DEC 04, 2009

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<b>Application for Federal Assistance SF-424</b>		Version 02
* 1. Type of Submission		
<input type="checkbox"/> Preapplication	* 2. Type of Application: * If Revision, select appropriate letter(s):	
<input checked="" type="checkbox"/> Application	<input checked="" type="checkbox"/> New	
<input type="checkbox"/> Changed/Corrected Application	<input type="checkbox"/> Continuation	* Other (Specify)
	<input type="checkbox"/> Revision	
* 3. Date Received:		4. Applicant Identifier:
12/4/2009		
5a. Federal Entity Identifier:		* 5b. Federal Award Identifier:
066000798		NA
<b>State Use Only:</b>		
6. Date Received by State:		7. State Application Identifier:
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: Connecticut State Department of Education		
* b. Employer/Taxpayer Identification Number (EIN/TIN):		* c. Organizational DUNS:
066000798		807851118
<b>d. Address:</b>		
* Street1:	165 Capitol Aveune	
Street2:		
* City:	Hartford	
County:	Hartford	
State:	CT	
Province:		
* Country:	USA	
* Zip / Postal Code:	06106	
<b>e. Organizational Unit:</b>		
Department Name:		Division Name:
Connecticut State Department of Education		Division of Assessment, Research and Technology
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix:	Dr.	* First Name: Barbara
Middle Name:	Q	

\* Last Name: Beaudin

Suffix:

Title: Associate Commissioner

Organizational Affiliation:

Division of Assessment, Research and Technology

\* Telephone Number:

(860)713-6800

Fax Number:

(860)713-7032

\* Email: BARBARA.BEAUDIN@CT.GOV

**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:

Statewide Longitudinal Data System Grants under the American Recovery and Reinvestment Act of 2009

**13. Competition Identification Number:**

Title:

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

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

Connecticut Statewide Longitudinal Data System Phase III

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: CT-All

\* b. Program/Project: CT-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: 9/30/2013

**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: Dr. \* First Name: Barbara  
Middle Name: Q  
\* Last Name: Beaudin  
Suffix:

Title: Associate Commissioner

\* Telephone Number: (860)713-6800 Fax Number: (860)713-7032

\* Email: BARBARA.BEAUDIN@CT.GOV

\* 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:  
Connecticut State Department of ...

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	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
4. Equipment	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
5. Supplies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
6. Contractual	\$ 2,275,965	\$ 3,424,309	\$ 2,651,338	\$ 0	\$ 0	\$ 8,351,612
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9. Total Direct Costs (lines 1-8)	\$ 2,275,965	\$ 3,424,309	\$ 2,651,338	\$ 0	\$ 0	\$ 8,351,612
10. Indirect Costs*	\$ 10,625	\$ 0	\$ 0	\$ 0	\$ 0	\$ 10,625
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 2,286,590	\$ 3,424,309	\$ 2,651,338	\$ 0	\$ 0	\$ 8,362,237

**\*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: 7/1/2009 To: 6/30/2010 (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:  
Connecticut State Department of ...

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	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2. Fringe Benefits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3. Travel	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
4. Equipment	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
5. Supplies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
6. Contractual	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9. Total Direct Costs (lines 1-8)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
10. Indirect Costs	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0



## 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:** Barbara Beaudin

**Title:** Associate Commissioner

**Date Submitted:** 12/04/2009

### 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 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: Barbara Beaudin Title: Associate Commissioner Applicant: Connecticut State Department of Education Date: 12/02/2009	
<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

Connecticut State Department of Education

### PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: Dr.      First Name: Barbara      Middle Name: Q

Last Name: Beaudin      Suffix:

Title: Associate Commissioner

Signature: \_\_\_\_\_

Date:

12/02/2009

ED 80-0013

03/04

**SUPPLEMENTAL INFORMATION  
REQUIRED FOR  
DEPARTMENT OF EDUCATION GRANTS**

**1. Project Director:**

Prefix:      \* First Name:              Middle Name:              \* Last Name:              Suffix:  
Dr.            Barbara                              Q                              Beaudin

Address:

\* Street1:              165 Capitol Avenue  
Street2:  
\* City:                      Hartford  
County:                      Hartford  
\* State:                      CT\* Zip / Postal Code: 06106 \* Country: **USA**

\* Phone Number (give area      Fax Number (give area  
code)                              code)  
(860)713-6800                      (860)713-7033

Email Address:

BARBARA.BEAUDIN@CT.GOV

**2. Applicant Experience**

Novice Applicant                       Yes               No               Not applicable

**3. Human Subjects Research**

Are any research activities involving human subjects planned at any time during the proposed project period?

Yes               No

Are ALL the research activities proposed designated to be exempt from the regulations?

Yes      Provide Exemption(s) #:

No      Provide Assurance #, if available:

**Please attach an explanation Narrative:**

**Attachment:**

Title :  
File :

# Project Narrative

## Project Narrative - Project Abstract

### Attachment 1:

Title: **CT-2009SLDS-Project-Abstract Pages: 1** Uploaded File: **C:\Activity Files\CIA-CovertOps\Data Warehouse Grant\!!Restart\!!09-12-SLDS-roundIII\Dec 4 Docs\SLDS\_2009\_Project\_Abstract.pdf**

## **PROJECT ABSTRACT**

The Connecticut State Department of Education (CSDE) has been continually improving its state education data system since 2005, when it first assigned a unique state assigned student identifier (SASID) to each student in its Public School Information System (PSIS). Since 2007, the CSDE has been developing the data warehouse component of its state longitudinal data system, which can link student information across databases and provide a wide range of information about public schools and public education in Connecticut.

Using a combination of state and federal funds, the Department is currently working two projects with activities that move the state forward toward meeting the America Competes capabilities and requirements. The first project, which will expand the PK-12 data available in the state's data warehouse, will include conducting a pilot to match teachers to students through the courses they take and developing a prototype of student transcripts that could travel with students as they migrate between districts in the state or to higher education institutions.

The second project, conducted at the Connecticut Department of Higher Education (DHE), will establish a plan to facilitate matching of PK-12 longitudinal data to post-secondary and workforce data. The linking of student longitudinal data from PK-12 to college, and then the state's workforce using Department of Labor (DOL) data, will permit researchers to examine which programs are most effective in preparing students for success beyond secondary schools.

In this new application, Connecticut proposes four projects. The projects will:

- continue to expand the quality, quantity and utility of data available to educators and the public, including components that allow district staff to integrate local data with data in the warehouse, as well as teachers to access data and tools to support instruction;
- expand the development of the state's Early Childhood Information System and integrate its reports into the SLDS;
- accelerate the development of the higher education linkages to build from a PK-12 system to a PK-20 system; and
- create the foundations for linking and comparing data among states regionally.

# Project Narrative

## Project Narrative - Project Narrative

### Attachment 1:

Title: **SLDS 2009 Project Narrative** ve Pages: **25** Uploaded File: **C:\Activity Files\CIA-CovertOps\Data Warehouse Grant\!!Restart\!!09-12-SLDS-roundIII\Dec 4 Docs\SLDS\_2009\_Project\_Narrative.pdf**



## **Project I. Enhancement of Statewide Longitudinal Capabilities to Include Certified Staff, Local Assessments, Curriculum Frameworks and Student Success Plans**

### **Objective 1 - Certified Staff Data Storage and Analysis Facility**

#### **(a) Need for Project (Objective 1)**

In the spring of 2009, the CSDE deployed the Connecticut Educator Certification System (CECS). CECS is an online application used to track Connecticut's certified administrators and educators.

CECS was developed and deployed within the CSDE EdPortal and is accessed by certified staff members through the single sign-on security system. Development efforts to date have concentrated on the transactional databases, for example, the collection of educator data, the assignment of the Teacher ID and the processing of credit card transactions. Another key service that the system provides is the ability to share data with other agencies; for example, the Department of Public Safety receives a daily file used for background checks. However, being a system that tracks certification data, the CECS does not collect data regarding where a teacher is teaching.

In 2010 the CSDE will begin the development of the Student-Staff-Schedule Pilot Project. The project includes the redesign of the Staff Collection database and will pave the way for connecting students and staff for the purpose of tracking and enhanced analysis and dissemination. The redesign of the Staff Collection will incorporate the Teacher ID assigned by the CECS providing the ability to share data between the CECS and the Staff Collection.

#### **(b) Project Outcomes Related to System Requirements and Implementation (Objective 1)**

The CSDE is requesting grant funds to move this transactional certified staff data into the CT SLDS for:

1. The development of a Certified Staff data storage facility to store current and longitudinal information to include;
  - a. Identification Information such as last name, first name, social security number, Educator ID number, etc.
  - b. Demographic Data such as address, phone numbers, e-mail address, gender, race, etc.
  - c. Certificate Information such as current certificates held, applications in process, out of state certificates, etc.
  - d. Certification History including past certificates and endorsements, issue dates, expiration dates, etc.
  - e. Test History including scores, type of tests, test dates, testing facility, etc.
  - f. Suspension and Revocation History
  - g. Correspondence History
  - h. Supporting Documentation
  - i. Employment History

- j. Professional Development, including CEU's
  - k. Educational History, including degrees earned, Higher Education Institutes attended, dates attended, etc.
  - l. Educator Performance Evaluation History
  - m. Certification Status
  - n. Certification History
  - o. Suspend and Revocation History
  - p. Testing History
  - q. Education History
2. The development of a Certified Staff decision support domain with multi-dimensional analysis cubes; and
  3. The deployment of a secure and public dissemination facility.

**(c) Timeline for Project Outcomes (Objective 1)**

<b>Project Component Deliverable</b>	<b>Responsible Parties</b>	<b>Months to Complete</b>	<b>Begin Date</b>	<b>End Date</b>
Create Business and Functional Requirements Document for Certified Staff Storage Facility	Graham, Vocca, Martin, Canzonetti	6	Aug. 2010	Jan. 2011
Certified Staff Storage Facility Development: <i>Use Case Creation, Data Modeling, Prototype Design, Portal Integration, Version 1 Code Delivery, Cube Deployment</i>	Graham, Vocca, Martin, Canzonetti	24	Jan. 2011	Jan. 2013
Certified Staff Storage Facility User Acceptance Testing	Vocca, Martin, Canzonetti	5	Feb. 2013	Jun. 2013
Application Deployment/Training	Vocca, Martin, Canzonetti	5	Jul. 2013	Nov. 2013

**(d) Project Management and Governance Plan (Objective 1)**

Oversight of this project will be provided by the Associate Commissioner of the Division of Assessment, Research and Technology. Additional project management and technical oversight will be provided by the Department of Information Technology.

Weekly meetings with the oversight committees are conducted by project managers involved in the current SLDS projects to review the progress of each project, identify risks and determine how risks can be mitigated, and authorize expenditures.

**(e) Staffing**

Management Oversight: Barbara Beaudin, Associate Commissioner

Key Personnel: Kevin Graham, Mark Vocca, Raymond Martin, Barbara Canzonetti

**Objective 2 - LEA Local Assessment Storage and Analysis Facility**

**(a) Need for Project (Objective 2)**

In the fall of 2008, the CSDE piloted the deployment of a local assessment upload facility with the state's testing contractor. Selected LEAs were provided secure access to a storage facility and were able to upload their student-level local assessment results. The upload files contained the State Assigned Student Identifier (SASID) and were matched to state assessment results.

Additionally, the CSDE piloted the Connecticut Benchmark Assessment System (CBAS) with the testing vendor. Currently, 60 LEAs are participating, but the system is available to all LEAs.

The Connecticut Benchmark Assessments are based on the Grade-Level Expectations (GLEs) for Mathematics and the Assessment Strands for Reading, which are defined in the Department's Sequenced Mathematics Grade-Level Expectations (GLEs) in Grades 3-5, the Mathematics Curriculum Pacing Guides for Grades 6-8 and the Grades 3-8 Reading Comprehension GLEs and Pacing Guide.

Based on curriculum pacing guides, the fall testing window is the month of October. Similarly, winter testing is scheduled to occur during February while spring testing is scheduled to occur during the month of May. These windows will be adjusted according to feedback elicited from participating school districts to optimize the interplay between instruction and benchmark assessment.

The benchmark assessment results will allow educators to assess student performance with respect to the Department's Sequenced Mathematics GLEs in Grades 3-5, the Mathematics Curriculum Pacing Guides for Grades 6-8 and the Grades 3-8 Reading Comprehension GLEs and Pacing Guide.

Parallel to this project, the CSDE redesigned the Curriculum Framework Web site to further enhance the dissemination process of the Frameworks. Both systems are hosted outside of the CT SLDS portal.

**(b) Project Outcomes Related to System Requirements and Implementation (Objective 2)**

The CSDE is requesting grant funds to expand the Connecticut Statewide Longitudinal Data System (SLDS) capabilities to meet the capacities (#5) and requirements of the America COMPETES Act by incorporating features that support teachers with instructional strategies and

materials aligned to the performance information about individual students included on the SLDS.

The first task is to enhance the features and district-level customization options of the CTcurriculum.org database and integrate the functioning within the structure of the SLDS so that teachers can seamlessly move from examining student performance outcomes in meeting the newly adopted common standards toward having access to targeted instructional tools to adapt their instruction to meet individual student needs.

Using the CTcurriculum.org system for statewide and district collaborative review, editing, and benchmarking of frameworks — or standards-linked units with embedded common formative assessments, models of student work and instructional materials — the Department will expand the features and district-level customization options for the existing database ([www.CTcurriculum.org](http://www.CTcurriculum.org)), and through the SLDS to enable SEAs and LEAs to:

1. Develop, review, edit and store locally-developed units with embedded common or formative assessments;
2. Implement “adaptive curriculum” function to integrate units/tasks selected from database into locally-developed curriculum through user-friendly, drag-and-drop insertion into a visually-accessible curriculum timeline/map (pacing guide);
3. Collaboratively review, discuss and develop response/intervention strategies based on student work presented and accessed online;
4. Benchmark student work (develop anchor sets) from state- and district-level assessments made accessible online to designated teams of teachers, facilitated by tools such as:
  - a. Automatic numeric recoding of work to preserve confidentiality
  - b. Automatic randomization/mixing of work for collaborative scoring
  - c. Administrator-controlled review of scores assigned by individual teachers and designated groups of teachers
  - d. Automatic statistical summary and analysis (measures of centrality, item statistics, inter-judge reliability)
5. Upload, access, review, edit, select, and link to local curriculum streaming video of key teaching episodes linked to standards, units and assessments; and
6. Train teachers to efficiently access instructional tools through the SLDS.

The second task is to pilot the integration of Student Success Plan (SSP) data elements integration into the SLDS with those districts that have already implemented online SSPs. This will provide district staff, particularly each individual student’s mentor teacher, with information about each student’s academic, career and personal goals, and document student progress toward meeting those goals using student achievement in the SLDS. In addition, this will link interventions that schools provide to ensure that each child graduates from high school and meets rigorous academic standards to be well-prepared for success in post-secondary education and the workplace. District staff will be trained to maximize the use of the system.

**(c) Timeline for Project Outcomes (Objective 2)**

<b>Project Component Deliverable</b>	<b>Responsible Parties</b>	<b>Months to Complete</b>	<b>Begin Date</b>	<b>End Date</b>
Create Business and Functional Requirements Document for Local Assessment Storage and Dissemination Facility	Graham, Vocca, Martin	8	Aug. 2010	Mar. 2011
Create Business and Functional Requirements Document for Curriculum Framework and Student Success Plan Storage and Dissemination Facility	Shuler Sanford	2	Jul. 2010	Aug. 2010
Curriculum Framework: <i>Use Case Creation, Modeling, Design, Portal Integration, V1 Code Delivery, Testing</i>	Shuler	11	Sep. 2010	Jul. 2012
Local Assessment Storage and Dissemination Facility: <i>Use Case Creation, Modeling, Design, Portal Integration, V1 Code Delivery, Testing</i>	Graham, Vocca, Martin	21	Apr. 2011	Dec. 2012
Pilot the Integration of Student Success Plan Data into the SLDS.	Sanford	22	Sep. 2010	Jun. 2012
Application Deployment/Training	Graham, Vocca, Martin, Shuler, Sanford	5	Sep. 2012	Jan. 2013

**(d) Project Management and Governance Plan (Objective 2)**

Oversight of this project will be provided by the Associate Commissioner of the Division of Assessment, Research and Technology. Additional project management and technical oversight will be provided by the Department of Information Technology.

Weekly meetings with the oversight committees are conducted by project managers involved in the current SLDS projects to review the progress of each project, identify risks and determine how risks can be mitigated, and authorize expenditures.

**(e) Staffing**

Management Oversight: Barbara Beaudin, Associate Commissioner  
Key Personnel: Scott Shuler, June Sanford

### **Objective 3 – Improvements to Data Quality**

#### **(a) Need for Project (Objective 3)**

The utility of any longitudinal data system is limited by the quality of the data it contains. The CSDE recognizes this limitation within its EdPortal and takes active steps to ensure the quality of its data.

In an effort to improve the quality of its data, the CSDE will establish the Data Quality Project. This project will be focused on improving data quality through internal data governance and internal and external professional development.

The Data Quality Committee will be tasked with the job of reviewing and approving all data that the Department collects currently and in the future. These reviews will determine if the data requested are reasonable, needed and can be reliably collected. The committee will also assist in the determination of how new data needs will be met.

The Data Quality Project will also seek to improve data quality through internal and external professional development. By providing training on the proper collection and use of data, the CSDE hopes to improve the quality of the data it receives. With the use of onsite trainings, web-exs and an annual summer data conference, the CSDE will provide training that includes training specific to individual data collections, general data collection training (using the Forum of Education Statistics, “Forum Curriculum for Improving Education Data”), and presentations on the use of the data the CSDE collects.

#### **(b) Project Outcomes Related to System Requirements and Implementation (Objective 3)**

The CSDE is requesting grant funds for the implementation of this project for:

1. Establishment of the CSDE’s Data Quality Committee
  - a. Meetings with external stakeholders to determine the priorities of the committee and to give context to the work
  - b. An inventory of all data collected currently by the CSDE, including grant application information, survey questions, yearly data collections and ad hoc data requests
  - c. An assessment of the data needs of the CSDE’s programmatic bureaus
2. Provision of Professional Development Opportunities to CSDE and LEA staff members
  - a. Hold a series of monthly web-ex trainings on assorted data collection and analysis topics
  - b. Provide all districts and charter schools with copies of the Forum’s “Forum Curriculum for Improving Education Data”
  - c. Host a yearly summer data conference for LEA staff responsible for data collection and reporting

