



Public Schools of North Carolina

# House Select Committee on Education Reform

## P – 20W Initiative

(Follow-up to December 7, 2011)

February 8, 2012

# Agency Representatives

- Lou Fabrizio, Director of Data, Research and Federal Policy Division, NC Department of Public Instruction (NCDPI)
- Alisa Chapman, Vice President, UNC General Administration (UNCGA)
- Sandra Williams, Senior Vice President, NC Community College System (NCCCS)
- Hope Williams, President, NC Independent Colleges and Universities (NCICU)
- Betty McGrath, Division of Employment Security, NC Department of Commerce



# Issues Addressed in the December 2011 Presentation

1. Current efforts to date, including what is possible right now
2. Barriers to successful implementation
3. Resources needed for completion, and
4. Timetable to completion once resources are available



# Background

- 2009 – North Carolina applied for a \$18 million Statewide Longitudinal Data Systems (SLDS) grant from the United States Department of Education (USED) but it was not awarded
- 2011 – North Carolina applied for a \$3.8 million SLDS grant “to develop and link postsecondary and/or workforce data to the State’s PK-12 data system”
- Winners will be notified in May 2012



# 1. What Is Possible Right Now?

- Continued teamwork among the various P-20W Council agencies
- Established P-20W Governance Board with escalation to the agency heads
- NCDPI CEDARS program with a Unique ID System (UID) for students and staff
- UNCGA incorporated NCDPI UIDs in their institutional data files for more accurate and timely matching of PK-12 students
- UNC Teacher Quality research effort



# 1. What Is Possible Right Now?

## Common Follow-up System

- Common Follow-up System (CFS) –  
Division of Employment Security, NC  
Department of Commerce
  - Required by NCGS §96-33
- NCDPI, UNCGA and NCCCS are  
currently participating in CFS



# Current Efforts

- The Governor's Office, through its Early Childhood Advisory Council (ECAC), was awarded one of the RttT Early Learning Challenge grants, which includes funds to connect the Early Childhood sector to the PK-12 data system using the UID system
- NCCCS working to add the UID to its data system



# NCCCS Student Profile

## Degree Seeking

Fall 2010-  
Summer 2011

- 338,535 students
  - 33% are age 21 and below (UID retrieval possible)
  - 12% are age 22-23 (UID creation more probable)
  - 55% age 24 and above (UID creation required)

## Continuing Ed/Basic Skills

Fall 2010-  
Summer 2011

- 554,029 students
  - 13% are age 21 and below (UID retrieval possible)
  - 6% are age 22-23 (UID creation more probable)
  - 81% age 24 and above (UID creation required)





# NCCCS UID Challenges

- Single student may enroll at two community colleges at the same time
- Student who married after leaving PK-12 and later enters a community college could have inconsistent last names
- Student enrolling in a community college who came from out of state and has never been in the NC public education system



# NCCCS UID Challenges

- Student who enrolls in a community college and attended a NC PK-12 school prior to 2008 (older than 21) will not have a pre-assigned UID from PK-12
- Community Colleges have a higher new student rate across semesters when compared to other sectors
- Like NCDPI, NCCCS only plans to assign UIDs from 2008 forward



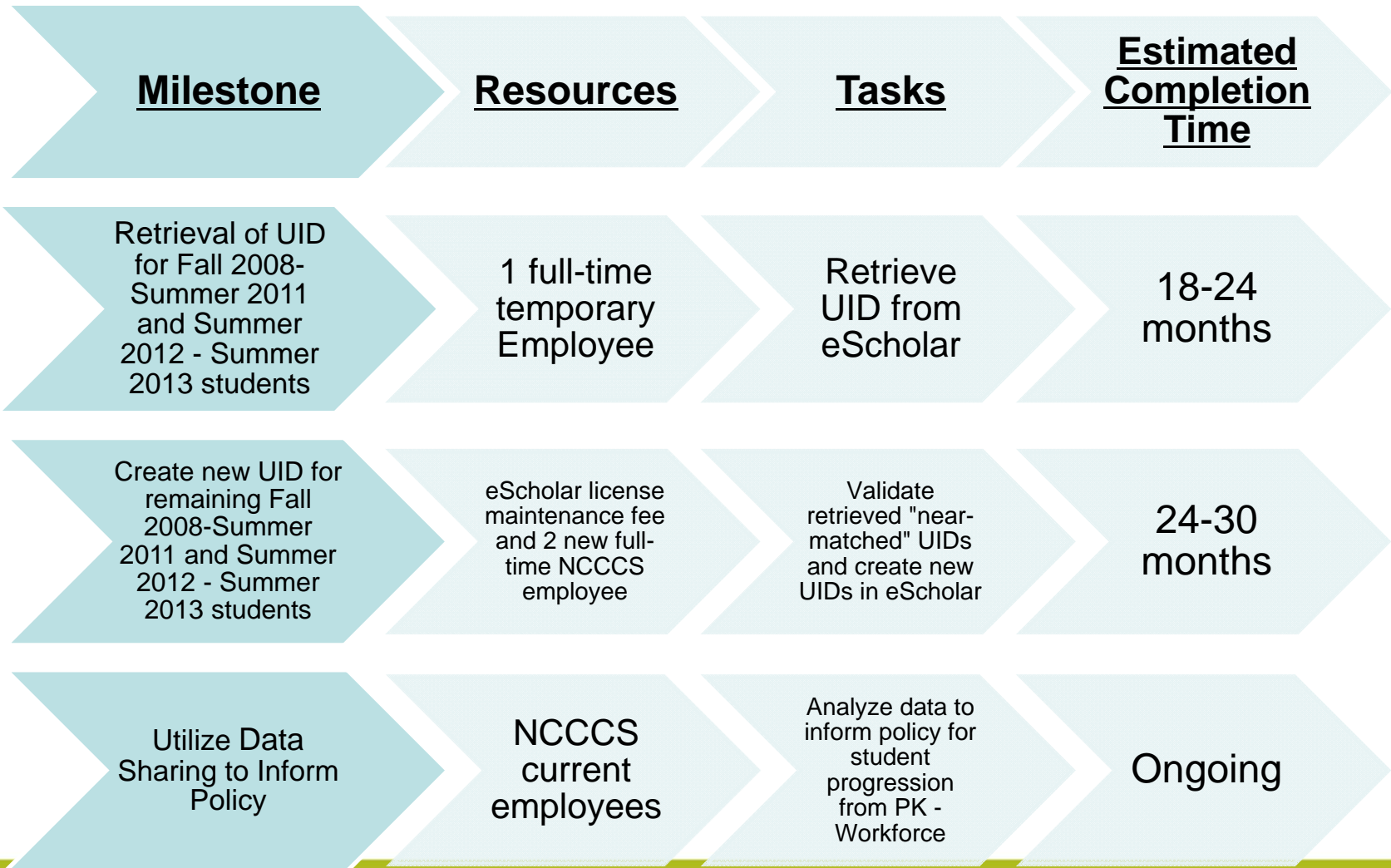
# Phase 1 (Fall 2011-Spring 2012)

## NCCCS P-20W Milestones

<u>Milestone</u>	<u>Resources</u>	<u>Tasks</u>	<u>Estimated Completion time</u>
Retrieval of UID for Fall 2011 - Spring 2012 students	1 full-time technical consultant	Program NCCCS Data Warehouse to accept and retrieve UID from eScholar; and knowledge transfer	6-9 months
Create new UID for remaining Fall 2011-Spring 2012 students	eScholar license, 1 full-time temporary employee, and 2 new full-time NCCCS employee	Validate retrieved "near-matched" UIDs and create new UIDs in eScholar	12-15 months
Data Readiness	NCCCS current employees	Determine data sharing elements with other sectors and ensure data integrity	12-15 months



# Phase 2 (Fall 2008-Summer 2011 and New Students) NCCCS P-20W Milestones



# NCCCS P-20W Benefits and Limitations

- All students will have UIDs assigned beginning with 2008-09 academic year and moving forward which limits the types of analyses immediately available
- Retrieval and creation of UIDs will be completed three times a year at State level, aligned with fall, spring, and summer semesters
- Data shared will not be in real time
- Full realization of P-20W benefits will not be for several years in order to allow data integration across sectors



# NCCCS P-20W Benefits and Limitations

- Resources (additional people time and eScholar license) are required to begin the assignment of UIDs to NCCCS students
- Annual eScholar maintenance and full time staff will have to be funded to continue assigning UIDs
- NCCCS will participate in sharing and analyzing of data across sectors
- Training of staff to assign UIDs will increase the time to assign UIDs in phase one
- UID assignment is only the first step in a full realization of a P-20W system



# NCCCS Potential Benefits from P-20W System

- Access to student characteristics data from other educational sectors will allow NCCCS to refine appropriate support services for the disadvantaged students through the local college early alert systems and to challenge and support all students in a successful completion of their academic goals



# NCCCS Potential Benefits from P-20W System

- Access to key prior academic data from other educational sectors will facilitate the development and refinement of state policies related to placement, accountability, programmatic changes, and graduation success rates
- Access to employment data will allow NCCCS to determine the relationship between various credentials and gainful employment





# UNCGA Current Data Partners

- NC Community College System
- NC Department of Public Instruction
- Employment Security Commission
- NC Independent Colleges and Universities
- IPEDS – Integrated Postsecondary Educational Data System



# UNCGA Current Data Partners

- AAUP – American Association of University Professors
- CSRDE – Consortium for Student Retention Data Exchange
- Miscellaneous grant partners inside and outside North Carolina
  - Golden Leaf Foundation
  - Z. Smith Reynolds Foundation



# NCICU Current Efforts

- SAS has agreed to fund hardware and software for NCICU so that the 36 private IHEs can participate in the P-20W system
- NCICU will be able to collect data in its own database for the first time and generate reports used by the UNCGA for the Integrated Postsecondary Education Data System (IPEDS) without duplication of effort



# Resources Needed for Completion

- \$3.8 million for next two to three years (hopefully through the SLDS grant)
- This is not a real-time, transactional system
- It will take several months to get estimates of costs to implement such a system



# Other Items for Discussion

- Licensing costs for expansion of UID system by non PK-12 systems
- Once current exchanges of data are automated, it will create opportunities for additional reporting and in-depth analyses to inform policy decisions
- Requires continuous support, especially once the grant is completed



# Other Items for Discussion

- Privacy/security/protection of Personally Identifiable Information (PII)
- Liability Protection for the NCICU system
- Front-end validation
  - Reconfiguring the user interface to limit errors
  - More training for data entry personnel
  - Training for end users
- Managing Expectations



# Q & A

