

# **Collaborative Leadership for Global Competitiveness: 21<sup>st</sup> Century Student Options in North Carolina**



**Education Oversight Committee  
North Carolina General Assembly  
February 12, 2008**

# North Carolina and 21<sup>st</sup> Century Learning



- J.B. Buxton - Deputy State Superintendent  
North Carolina Department of  
Public Instruction
- Thanks and recognition
- Overview of online learning
- Learn and Earn Early College High School
- Learn and Earn Online
- UNCG iSchool
- North Carolina Virtual Public School
- Through student eyes - video

# Student Voices

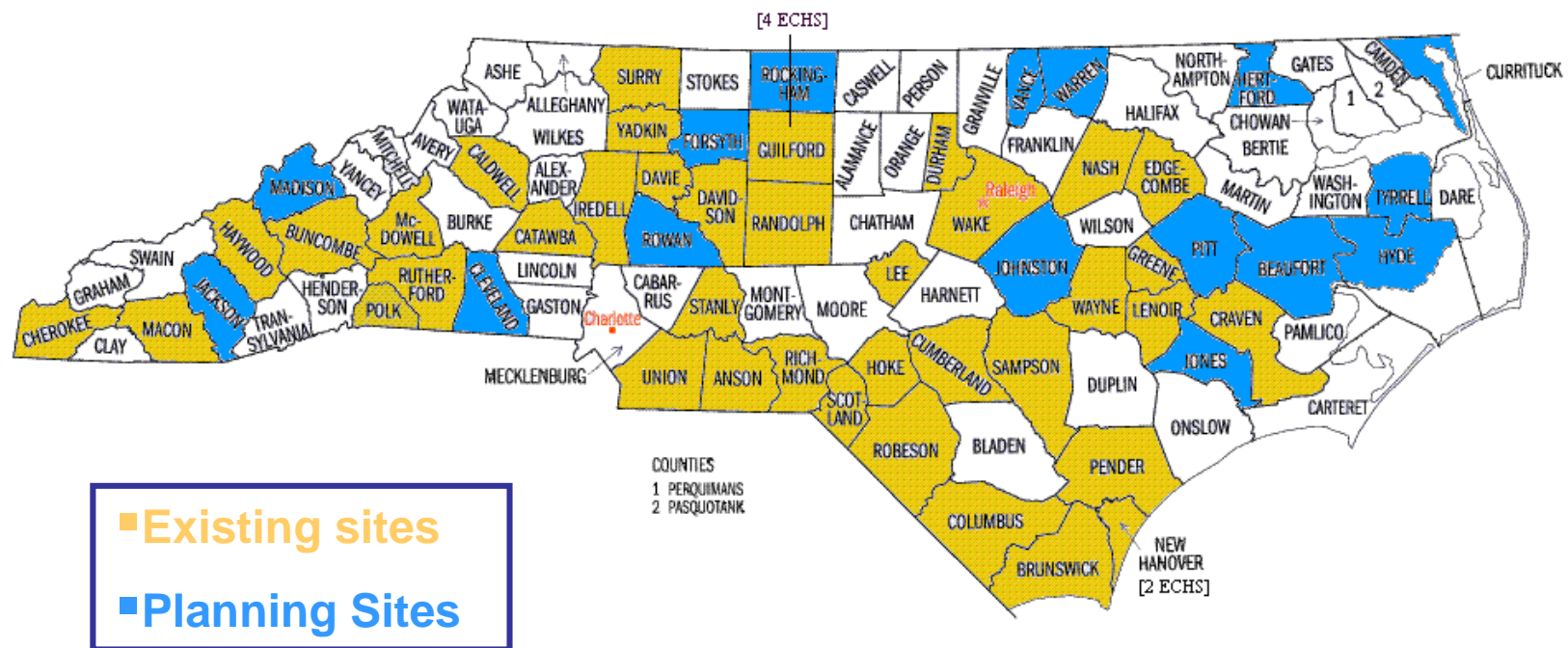


# Learn and Earn Early College High Schools



- Antonio Jordan – Director  
Joint High School Partnership Programs  
Academic and Student Services
- Small, academically rigorous high school  
on a two- or four-year college campus
- Students earn high school diploma and  
two years of college credit or associate  
degree
- Focus on low-income and first generation  
college-going students
- Administered by SBE/DPI, NC New  
Schools Project, NCCCS, UNC-GA.

# Learn and Earn Early College High Schools Statewide



# Learn and Earn Early College High School Courses



Types of courses:

## ACA 111 College Student Success 101

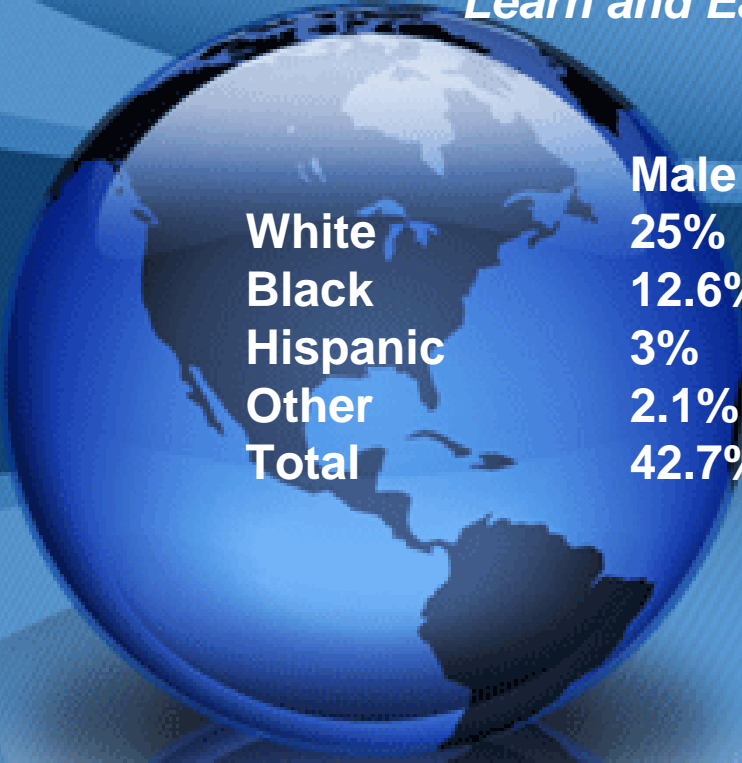
- This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success.

## WEB 260 E-Commerce Infrastructure 223

- This course introduces the concepts and tools to implement electronic commerce via the Internet.

# Learn and Earn Early College High School Enrollment Data

**Race and Gender of Students**  
*Learn and Earn Early College High Schools*  
**2006-07**



	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>White</b>	<b>25%</b>	<b>29.9%</b>	<b>54.9%</b>
<b>Black</b>	<b>12.6%</b>	<b>20%</b>	<b>32.5%</b>
<b>Hispanic</b>	<b>3%</b>	<b>4.3%</b>	<b>7.3%</b>
<b>Other</b>	<b>2.1%</b>	<b>3.2%</b>	<b>5.3%</b>
<b>Total</b>	<b>42.7%</b>	<b>57.3%</b>	<b>100%</b>



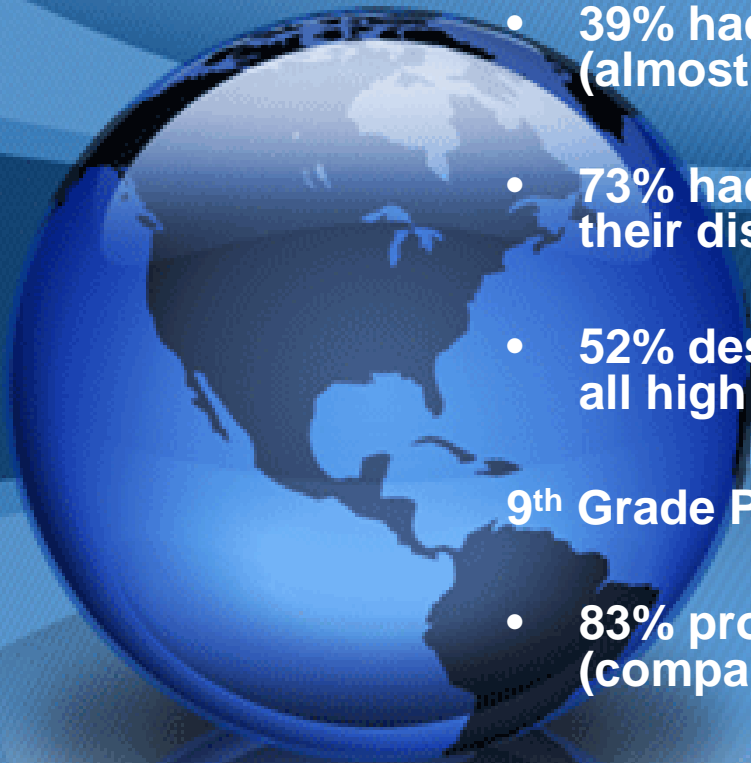
# Promising Results for Learn and Earn Early College High Schools

## 2007 EOC Results

- 39% had performance composites of 80 or better (almost 5x the percentage statewide)
- 73% had the highest performance composite in their districts
- 52% designated “high growth” compared to 34% of all high schools in the state

## 9<sup>th</sup> Grade Promotion, Dropout Rates

- 83% promoted 95% or more of 9<sup>th</sup> graders (compared to 85% state promotion rate)
- All had 9<sup>th</sup> grade dropout rates lower than state





# Learn and Earn Online



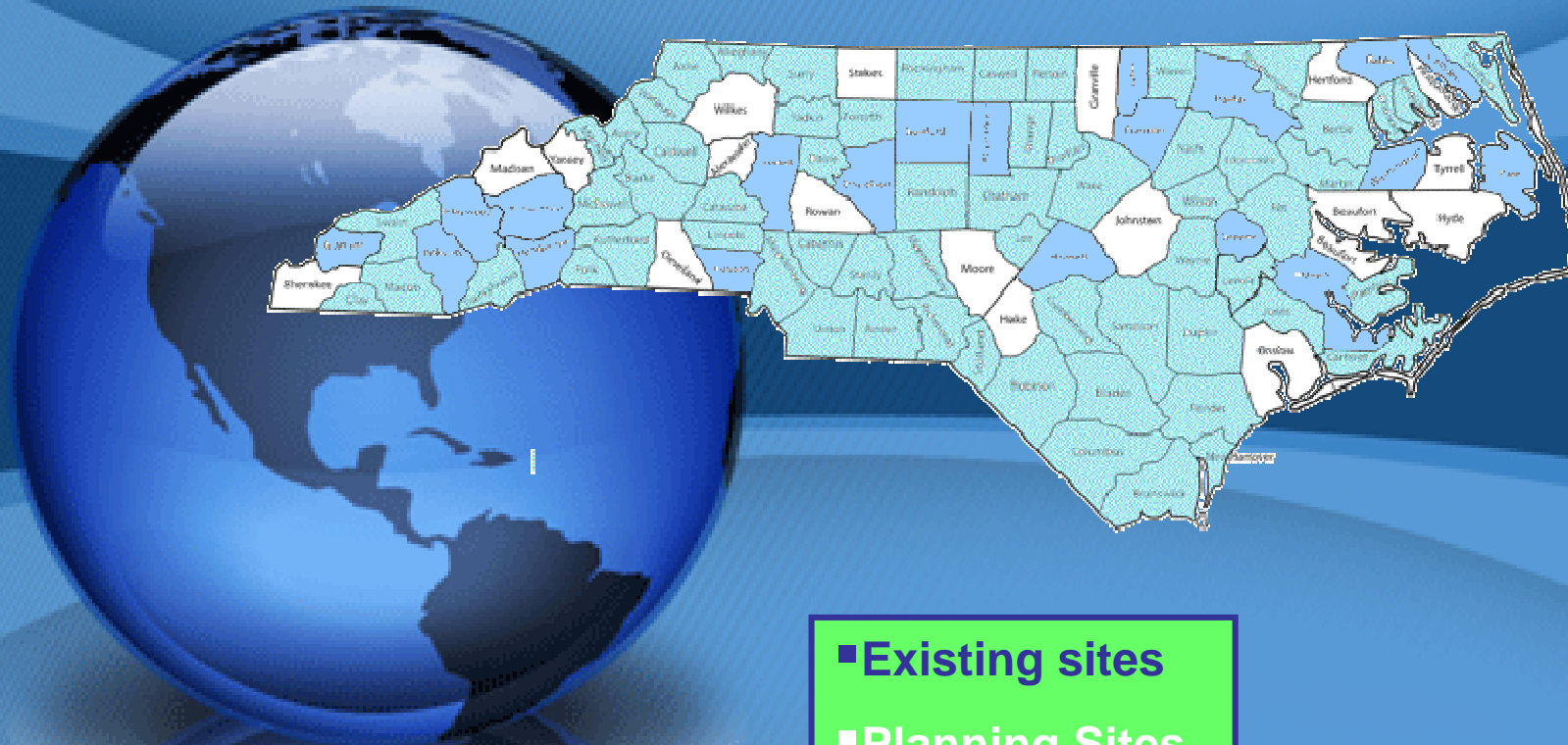
- **Mr. John Brim – LEO K-12 Consultant  
Chief Operations Officer  
North Carolina Virtual Public School**
- **Dexter Jackson – Maiden High School**
- **Google Talk with Maiden High School**

# Learn and Earn Online



- Online dual credit program
- Extends Learn and Earn to all high school students
- Free to students
- 45 Community Colleges
- UNCG iSchool

# Learn and Earn Online Statewide



# Learn and Earn Online



## NCCCS Courses

- Art, Biology, Economics, Business, English, Chemistry, History, Math, Physics, Psychology, Technology

## UNCG iSchool Courses

- Math, Sociology, American History, American Government, Psychology, Anthropology, Philosophy, Western Civilization, Sport Science, and Arts Appreciation

# UNCG iSchool



- **Dr. Robert Brown - Dean of Continual Learning  
UNC Greensboro**
- **Dr. Alan Mabe - Vice President  
Academic Planning and University-School  
Programs  
UNC General Administration**
- **Ms. Trina Gabriel - Marketing Associate  
UNC Greensboro**
- **A 21<sup>st</sup> Century Course**
- **Avatars**
- **LEO Executive Summary**

# North Carolina Virtual Public School



- **Dr. Bryan Setser - Executive Director  
North Carolina Virtual Public School**
- **NCVPS Executive Summary**
- **21<sup>st</sup> Century Tools: Wiki**

# Challenges and 21<sup>st</sup> Century Solutions

## Technology Challenges

1. 20<sup>th</sup> century schools
2. Connectivity
3. 21<sup>st</sup> century security

## 21<sup>st</sup> Century Solutions

1. Needs assessments
2. E-learning commission
3. Innovation and access



# Closing Remarks



- **J.B. Buxton - Deputy State Superintendent  
North Carolina Department of  
Public Instruction**
- **21<sup>st</sup> Century Tools and Opportunities**
- **The Road Ahead**
- **Challenges and Responses**
- **Q & A**