

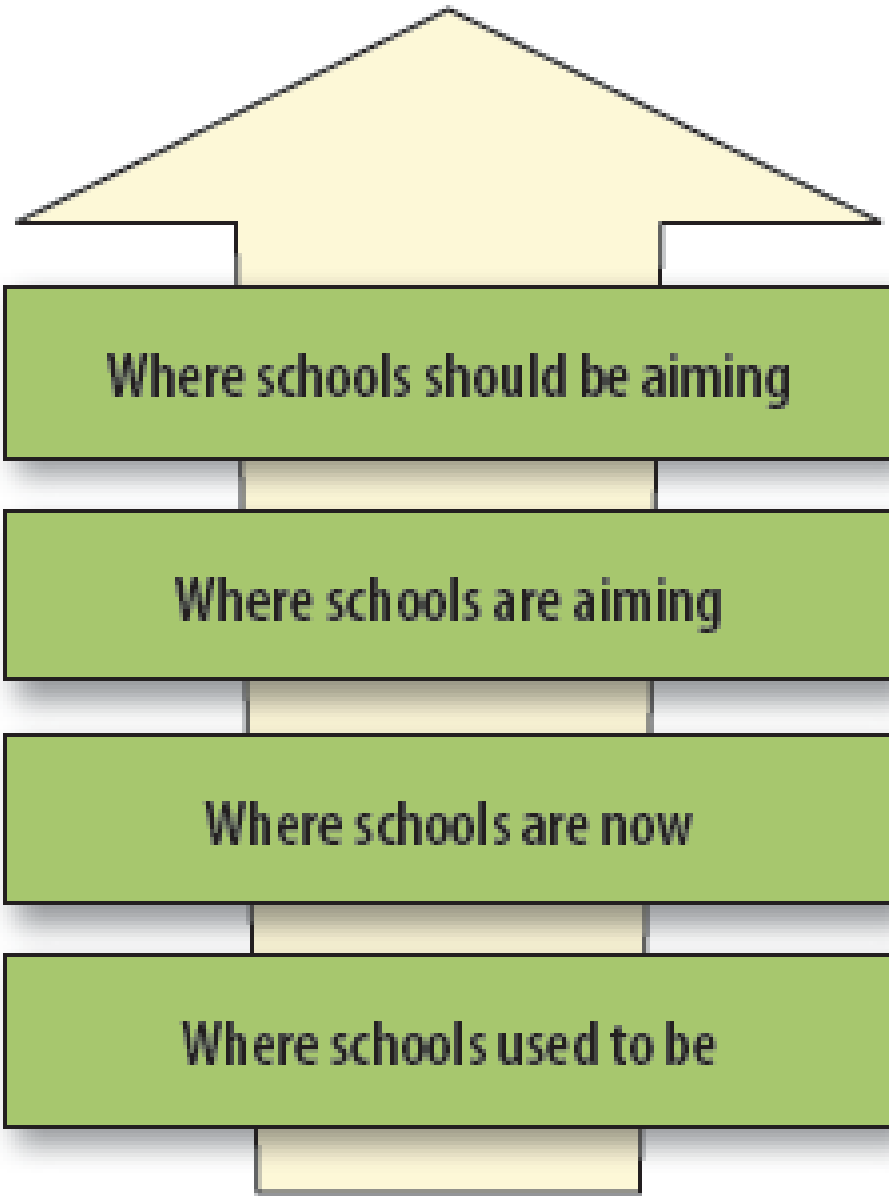
# *Redefining Teacher Education for Digital Age Learners*



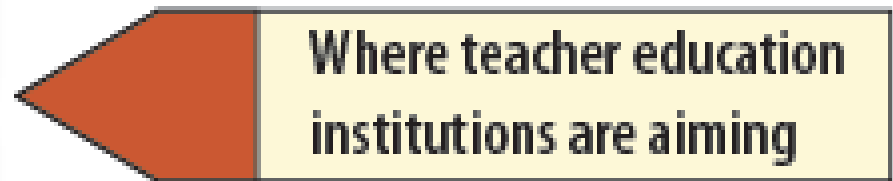
There is wide recognition that teacher education must change to meet the needs of 21<sup>st</sup> Century learners.

# Challenges to change:

- Multiple constituencies influence teacher education
- Lack of a shared vision of change



.....  
*Poor alignment of the objectives  
of teacher education institutions  
and school systems is common  
worldwide.*  
.....





# Redefining Teacher Education for Digital-Age Learners

## A Call to Action

The Summary Report of the Invitational Summit on  
Redefining Teacher Education for Digital-Age Learners

[www.redefineteachered.org](http://www.redefineteachered.org)

# Participants:

- 100 leaders from stakeholder groups:
  - State and federal legislatures
  - State educational agencies and certification boards
  - National and regional accreditation associations
  - Educational professional associations
  - Teacher unions
  - Teacher education institutions
  - Universities
  - Schools
  - Federal government
  - Technology industry

# Goals of Summit

- Identify characteristics of a 21st century educator
- Define the critical elements of an educator preparation program that produces such an educator
- Identify the institutional, state, and national policy structures that support the creation of these programs
- Develop a national coalition to reinvent teacher education for digital-age learners



# 21<sup>st</sup> Century Teacher Characteristics



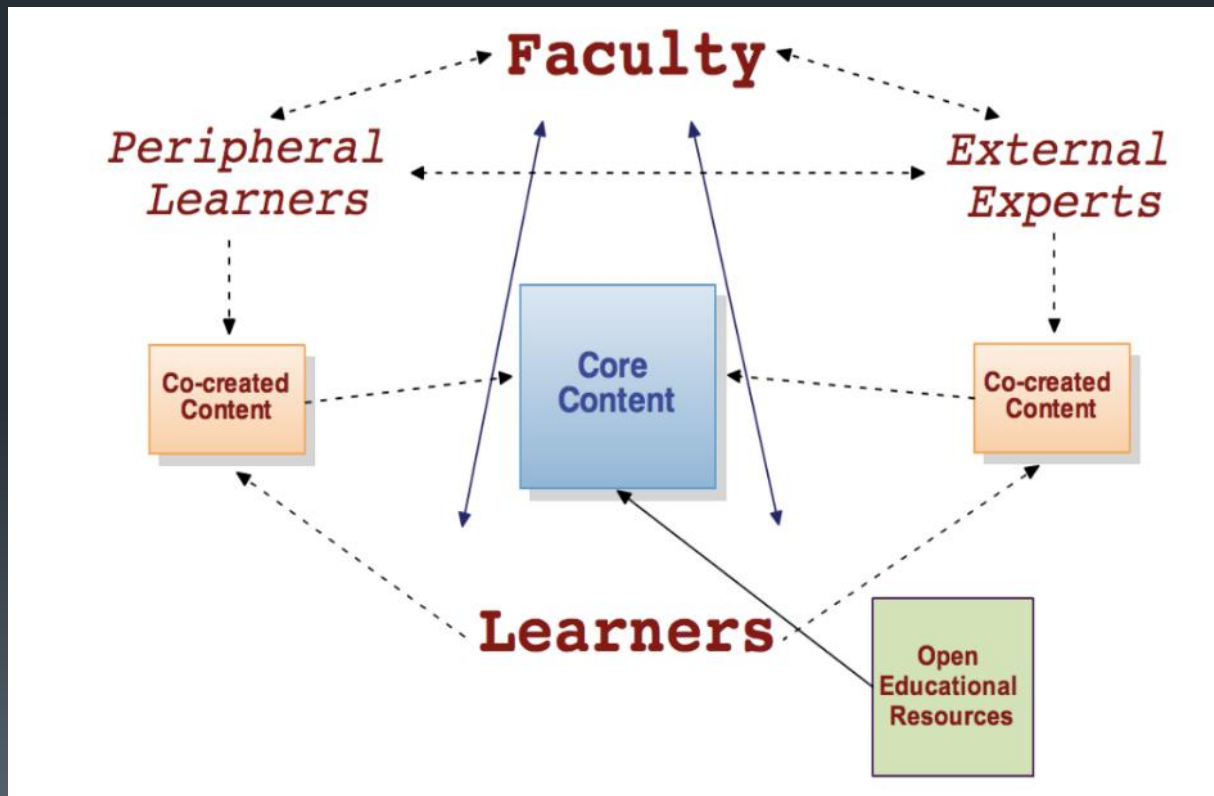
Facilitate and inspire student learning  
and creativity so that all students  
achieve in the global society



# Be global educators



# Work with their students to create new learning opportunities



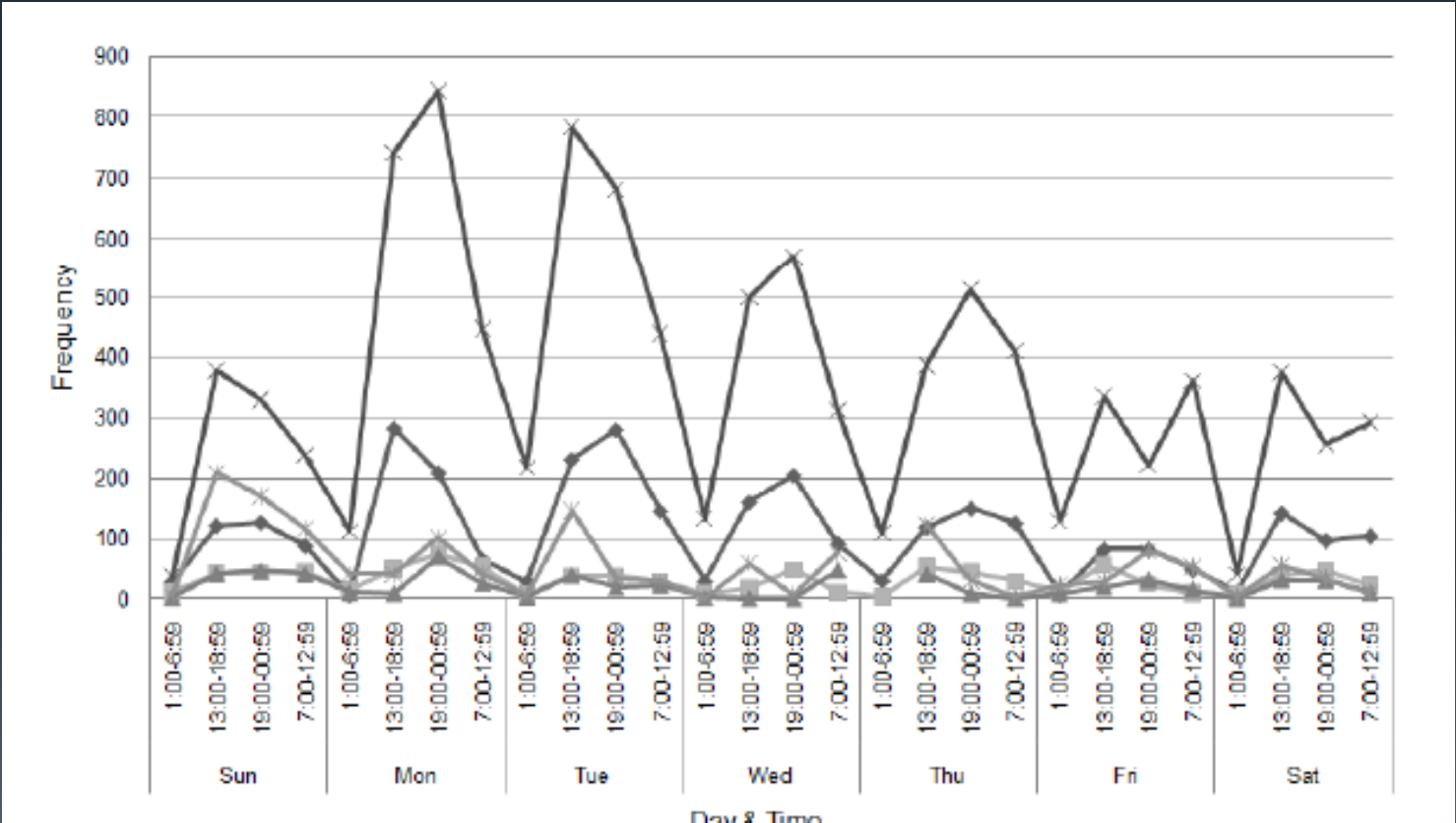
# Enable students to maximize the potential of their formal and informal learning experiences



# Use the full range of digital-age learning tools to improve student engagement and achievement



# Use student data to support student learning and program improvement



# Be life-long learners



# Redefining the Teacher Education Framework

- Model strategies for addressing the needs of all learners
- Prepare educators to interpret and utilize data to customize instruction
- Be responsive to changes in the global society
- Prepare teachers for career-long professional growth



# Model and advocate 21<sup>st</sup> century teaching practices in teacher preparation curriculum and instruction



# Prepare teachers to work as effective members of learning teams



# Prepare teachers to teach in blended and online learning environments

Growth of virtual high Schools and cyber charter schools

Requirements for Online course



Extend curriculum  
and teacher role to  
include both formal  
and informal  
learning

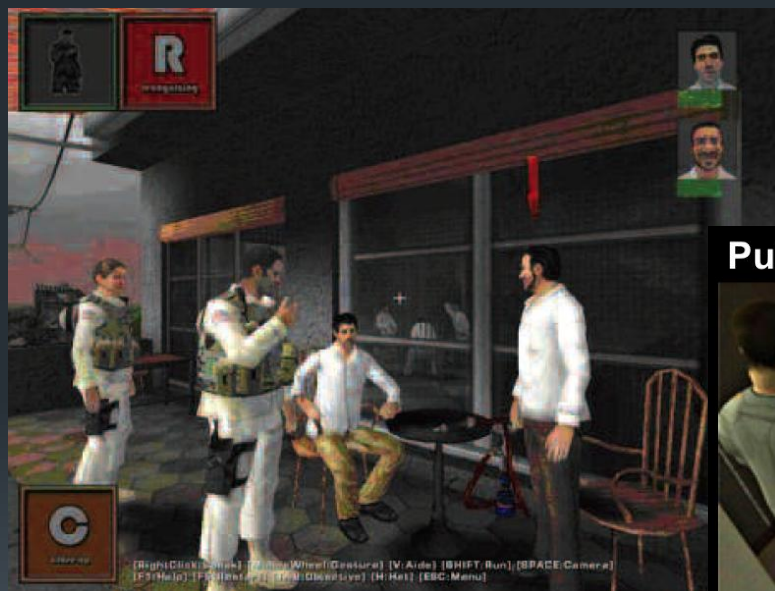


# Be a university-wide endeavor



## The UTeach Program

# Use simulations to prepare teachers to deal with difficult situations

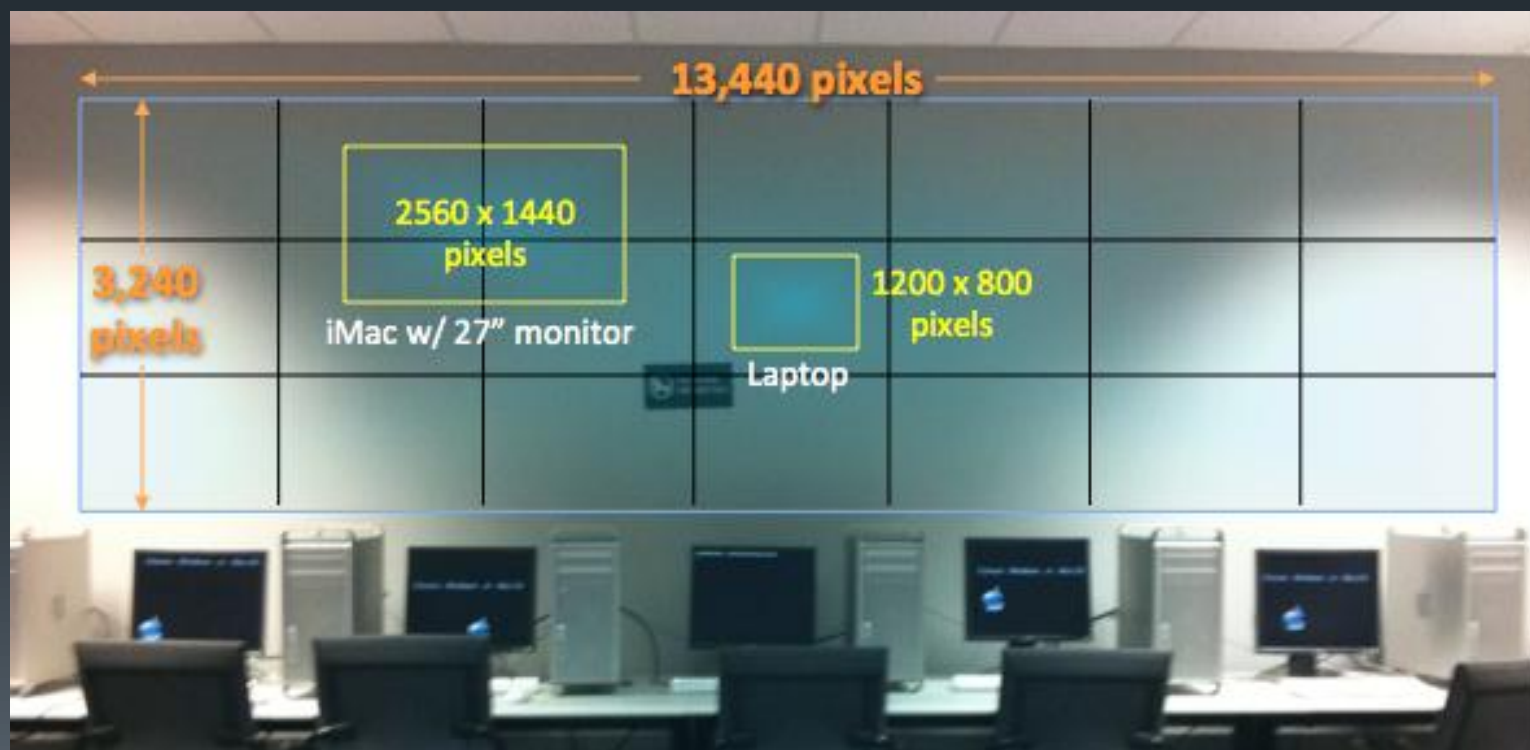


# Importance of visualizing massive amounts of educational data



University of Texas at Austin Visualization Laboratory

# UT Learning Technology Center Education Visualization and Learning Analytics Lab





The transformation of teacher education will require changes in policy structures at the institutional, state and national Level

# Institutional Policies to Transform Teacher Education

- **Faculty Development**
- **Faculty Engagement in Clinical Practice**
- **Competency-Based Teacher Education Programs**

# State Level Policies

- **Develop state shared vision**
- **State educator certification policies must support:**
  - **new roles for educators**
  - **new ways of staffing schools**

## National Level Policies

- **Create a national coalition to reinvent teacher education**
- **Build a National Educator Competency Development Hub**
- **U.S.ED should support research to improve online educator professional development**

# Impact of Summit

- State initiatives: New Hampshire, Wisconsin, California and Texas
- National Council for Accreditation of Teacher Education
- Australia Summit on Educator Development
- National Coalition to Reinvent Teacher Education

# Contact

Sofia International Workshop

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- To download copy of *Redefining Teacher Education for Digital Age Learners – A Call to Action*, go to:  
  
*[www.redefineteachered.org](http://www.redefineteachered.org)*