

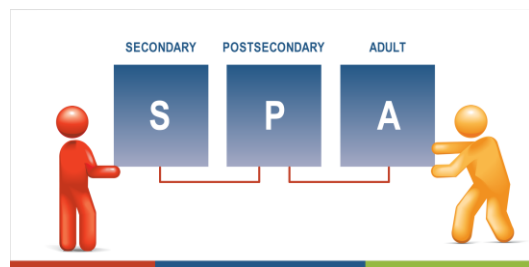


National Center for Innovation  
in Career and Technical Education

ACTE Policy Seminar  
Washington, DC  
March 6, 2013

## Overview

- ✓ About the Center
- ✓ Research and Evaluation
- ✓ Training and Dissemination
- ✓ Contact



## About the Center

## NCICTE Agenda

- › Perform rigorous, scientifically-based research
  - Collect and analyze original data
  - Perform secondary analyses of existing national, state, and local data
- › Disseminate research findings and information to the field
  - Website and social media
  - On-line training
  - Conference presentations

## Priorities

- › *Programs of study (POS)/career pathways*—strengthen the alignment of CTE programs at the secondary and postsecondary education levels
- › *Curriculum integration*—identify approaches or models for improving academic and technical instruction
- › *Technology-enabled learning*—assess the prevalence and impact of technology-enabled learning on CTE
- › *Professional development*—explore effective approaches for training new CTE instructors and to support existing educators in improving their skills

## Partners



turning knowledge into practice



THE SCIENCE OF IMPROVING LIVES



The California Center for College and Career



GEORGETOWN UNIVERSITY



Laurium Evaluation Group

## Key Staff

- **Leadership**
  - *Director:* Laura Knapp
  - *Principal Investigator:* Steve Klein
- **Lead Researchers**
  - *ConnectED:* Gary Hoachlander
  - *FHI360:* Ivan Charner, Robin White
  - *Georgetown:* Tony Carnevale, Jeff Strohl
  - *Laurium:* Andrea Sykes, Cindy Decker
  - *RTI:* Ben Dalton, John Vavricka
  - *Windwalker:* Lyn Gubser, Lauren Malone



## Research and Evaluation

## Rigorous Scientifically-based Research and Evaluation

- Use experimental study designs
  - Randomized control trials (e.g., lotteries, random assignment)
  - Quasi-experimental designs (i.e., compare like groups)
- Collect and analyze different types of data
  - Quantitative (e.g., administrative records, surveys)
  - Qualitative (e.g., case study visits, interviews)
- Harvest information from the field
  - Website searches
  - Literature reviews

## NCICTE: Study Types

- Original Data Collection
  - Multi-year, longitudinal studies
  - Large-scale with mixed methods
  - Anticipate 2 studies spread over 3 years
- Analyses of Existing Data
  - Access existing national, state, or other data
  - Up to 8 studies per year

## NCICTE Studies: Original Data Collection

### Work-based Learning (WBL)

- Research questions
  - How can WBL support at-risk youth and low-skill adults?
  - What are the immediate and distal outcomes of WBL participation?
  - Does the type of WBL matter?
- Multi-year study
  - Site recruitment: Spring 2013
  - Site visits and transcript data collection: 2013-14
  - Longitudinal record matching and survey: 2015

## NCICTE Studies: Analyses of Existing Data

- **Georgia statewide CTE data study**
  - Effects of student participation in CTE generally, and POS in particular
- **Linked Learning in California**
  - Effects of student participation in certified pathways
- **State funding of CTE and use of incentive funding**
  - How states are allocating resources to local providers

## NCICTE Studies: Analyses of Existing Data

- **Postsecondary CTE participation, degree completion, and employment outcomes**
  - Focus on whether there is a match between CTE field of study and post-graduate job.
- **Postsecondary education expenses for CTE students**
  - Variations in college expenses for CTE students and the postsecondary outcomes of CTE students who pay different prices
- **Noncredit workforce education and industry recognized certification**
  - What types of state data are available and what is known about postsecondary, noncredit program outcomes?



## Training & Dissemination

## Training

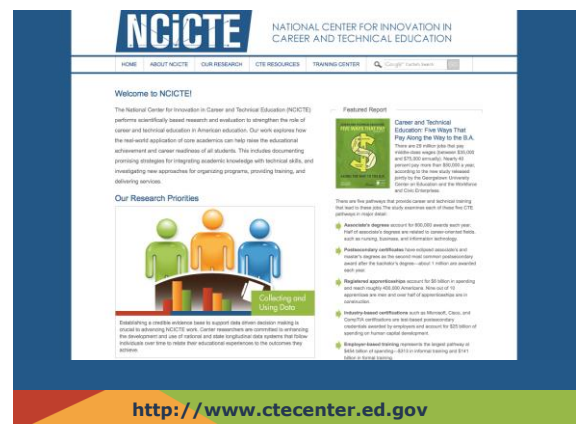
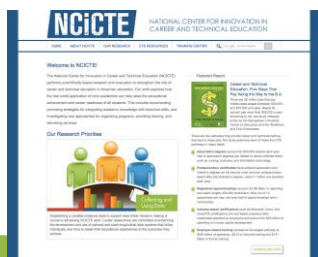
- Share Center studies and related research
  - Synthesize critical findings
  - Create toolkit that synthesizes information on key topics
- Communicate information using on-line platform
  - Live webinars and webcasts
  - Pre-recorded presentations
  - Modular lessons

## Training Topics

- Using multiple pathways to transform schools
  - Describe essential features of multiple pathways
  - Present strategies for introducing and sustaining pathways
- Curricular Design and Instructional Practice
  - Approaches for integrating academic and technical standards
  - Options for using work-based learning to complement instruction

## Dissemination

- NCICTE Website <http://www.ctecenter.ed.gov/>
- Social media
  - Follow @NCICTE on Twitter
  - Connected with us on LinkedIn



## Contact Information



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