Regional Educational Laboratories in Appalachia: Putting Research into Action

Appalachian Higher Education Network Conference
June 20, 2018
The Regional Educational Laboratories

* The Pacific Region contains Hawaii pictured on the map and American Samoa, the Commonwealth of the Northern Mariana Islands, the Federated States of Micronesia (Chuuk, Kosrae, Pohnpei, & Yap), Guam, the Republic of the Marshall Islands, & the Republic of Palau not pictured on the map.
West Virginia’s CTE initiative Simulated Workplace provides students with real-world, classroom-based experiences and prepares them for high-demand jobs through training and certification programs in a variety of CTE pathways.

Students with greater exposure to CTE are more likely to:

- Enroll in a 2-year college
- Graduate from high school
- Earn higher wages
Supporting implementation of ESSA’s evidence provisions

Ask A REL Reference Desk

Just-in-Time Studies
<table>
<thead>
<tr>
<th>Inputs</th>
<th>Strategies</th>
<th>Short-Term Outcomes</th>
<th>Long-Term Outcomes</th>
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<tbody>
<tr>
<td>Funding</td>
<td>Interagency and cross-sector collaborations</td>
<td>Interagency and cross-sector coordination and alignment</td>
<td>Enrollment, persistence, and completion of postsecondary education and training programs</td>
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<td>Data systems/tools</td>
<td>College-going culture</td>
<td>Academic outcomes</td>
<td>Family, community, and institutional collaboration and support</td>
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<td>Human capital</td>
<td>Academic preparation</td>
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<tr>
<td>Regional Educational Laboratory</td>
<td>Financial, logistical, and socio-emotional preparation</td>
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<td>Resources, supports, and guidance</td>
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**Impact**

Increased percentage of the working-age population has a postsecondary credential with skills, knowledge, and experience to be “life ready.”
Deliverable 3.3.2.1.2

KY

Social-emotional

Academic

Logistical

Financial

VA
Alliance Members

Jackie Foor, Consortium for Public Education

Ken Bissell, Greensburg Salem School District

Stephen Whitehead, California University of Pennsylvania

Laura Fisher, Allegheny Conference

Janice Nuzzo, Allegheny Valley School District

Sunanna Chand, Remake Learning Council

Scott Nelson, Blackhawk High School

Abby Smith, Team Pennsylvania Foundation
Examining Competencies Needed by the Region’s Employers—soft skills

**Communication**
- Write and speak clearly
- Maintain a conversation
- Give feedback
- Summarize what you know

**Motivation**
- Take initiative
- Have a strong work ethic
- Persevere through challenges
- Learn on your own
- Maintain a positive attitude

**Self-Management**
- Stay organized
- Manage your time
- Act professionally: be on time, be prepared, and do your work
- Be accountable for your actions

**Teamwork**
- Collaborate with others
- Be a good listener
- Have empathy

**Problem Solving**
- Think critically
- Be flexible
- Be adaptable and resourceful
Examining Competencies Needed by Employers—
STEM and English language practices
Examining Competencies Needed by Employers—Using a Rubric

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>ENGLISH LANGUAGE ARTS CAPACITIES</th>
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<td>♦ Do program materials indicate that the program promotes English language arts capacities required for entry level health care and energy sector jobs?</td>
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<th>CATEGORY</th>
<th>SCIENCE AND ENGINEERING PRACTICES</th>
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<td>♦ Do program materials indicate that the program promotes relevant science and engineering practices required for entry level health care sector jobs?</td>
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<th>CATEGORY</th>
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<th>CATEGORY</th>
<th>SOFT SKILLS</th>
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<td>♦ Do program materials indicate that the program promotes relevant soft skills required for entry level health care sector jobs?</td>
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Adapted from “STEMworks” (Change the Equation) and “Project Deeper Learning” (Hewlett Foundation).
College and career readiness at REL Midwest

Lyzz Davis
REL Midwest Research Alliances

Midwest Alliance to Improve Teacher Preparation – MI
Midwest Achievement Gap Research Alliance – WI
Midwest Early Childhood Education Research Alliance – IL
Midwest Alliance to Improve Knowledge Utilization – MI, OH, WI
Midwest Career Readiness Research Alliance – MN

Other partnerships in Ohio, Indiana, and Iowa
Recent postsecondary readiness and success work in the REL Midwest states
Indiana: College readiness, access, success for rural and low-income students
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Minnesota: College and career readiness and success
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Minnesota: College and career readiness and success

Characteristics and postsecondary pathways of students who participate in acceleration programs in Minnesota

Key Findings
- Forty-eight percent of 2013 Minnesota high school graduates participated in all-level academic enrichment programs, such as Advanced Placement courses, dual enrollment courses, International Baccalaureate courses, and others. About half of participants were enrolled in Minnesota college within five years of high school graduation and were awarded at least one college credit at the college level.
- Eighty percent of participants in acceleration programs who were awarded dual credit received it from a school in a very similar or the same year college.
- Acceleration: minority students and students eligible for the federal school lunch program participated in acceleration programs and were awarded dual credit by the college in which they graduated of lower rates than their peers.
- Participation in acceleration programs was associated with higher rates of enrollment in a four-year college and, among students with the number of credits awarded by colleges, participation was also associated with college readiness and persistence.
Minnesota: College and career readiness and success

Work in progress (coming soon!):
The Postsecondary Pathways of Minnesota Public High School Graduates: Investigating Opportunity Gaps
Coaching on the Every Student Succeeds Act (ESSA) tiers of evidence in Ohio
Coaching on the ESSA tiers of evidence in Ohio
Thank you!

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Associate in Research
Florida Career Counseling with a Focus on Rural Schools
Information and materials for this presentation are supported by IES/NCEE’s Regional Educational Laboratory Southeast at Florida State University (Contract ED-IES-17-C-0011) as resources and examples for the viewer’s convenience. Their inclusion is not intended as an endorsement by the Regional Educational Laboratory Southeast or its funding source, the Institute of Education Sciences. In addition, the instructional practices and assessments discussed or shown in this presentation are not intended to mandate, direct, or control a State’s, local educational agency’s, or school’s specific instructional content, academic achievement system and assessments, curriculum, or program of instruction. State and local programs may use any instructional content, achievement system and assessments, curriculum, or program of instruction they wish.
Post-Secondary Success at Historically Black Colleges and Universities Partnerships in the Southeast
Integrated Systems and Supports for Developmental Education Programs at Minority Serving Institutions
Thank you!

REL Appalachia

https://ies.ed.gov/ncee/edlabs/regions/appalachia/

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