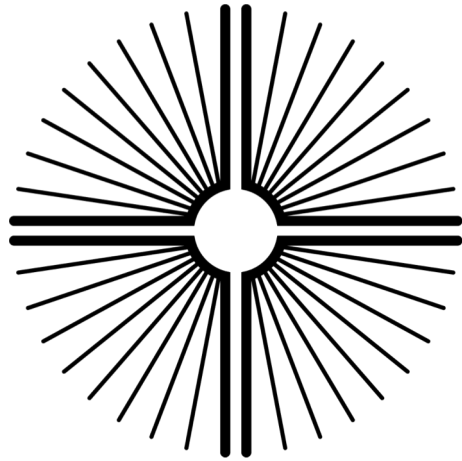


Leveraging National Support for California Community College Initiatives



**Community College League of California
Annual Legislative Conference**

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Leveraging National Support for California Community College Initiatives

Outline of this Presentation

- Community College Consortium Advocacy**
- Community College Centers of Excellence**
- National Resources to Advance Top Ten Sector Priorities
for CCCCO Doing What Matters for Jobs and the Economy**

Community College Consortium Advocacy

Justification for this Approach

- ❑ It's challenging to accomplish results on a national level for any individual institution. Rules prohibit directing funds to most site-specific projects.**
- ❑ Combinations or consortiums of institutions can achieve results where there are common objectives**
- ❑ We are advocating for creation of new national programs to benefit members of college consortiums**

The University Centers of Excellence Model

Precedent for Community Colleges

There are numerous federally-funded university centers of excellence (COE) geared toward research and development

Community colleges generally have not benefited from COE programs

We are advancing community college COE programs geared toward workforce development and technical education

Several of these community college COE programs have recently been enacted

Community College Centers of Excellence

Potential Uses of COE Funding

- Faculty recruitment, professional development and salary supplementation
- Recruiting students traditionally underrepresented in technical education
- Promoting guided pathways – from high school to college and from associate to baccalaureate degrees
- Training incumbent workers
- Acquiring technology & equipment

**TOP TEN
SECTOR
PRIORITIES
~
POTENTIAL
FOR
LEVERAGING
NATIONAL
RESOURCES**

CCCCO Doing What Matters For Jobs and the Economy

- 1) Advanced Manufacturing**
- 2) Advanced Transportation & Logistics**
- 3) Agriculture, Water & Environmental Technologies**
- 4) Business & Entrepreneurship**
- 5) Energy, Construction & Utilities**
- 6) Global Trade**
- 7) Health**
- 8) Information & Communication Technologies (ICT)/Digital Media**
- 9) Life Sciences/Biotech**
- 10) Retail/Hospitality/Tourism “Learn and Earn”**



#1: Advanced Manufacturing

Advanced Manufacturing Workforce Consortium

Inspired by a Presidential Advisory Committee –

Invest in Community College Level Education:
“The community college level of education is the ‘sweet spot’ for reducing the skills gap in manufacturing. Increased investment in this sector is recommended.” – *President’s Council of Advisors on Science and Technology*

Consortium initiative involves community colleges from various states seeking to expand training capacities in advanced manufacturing

Successfully advocated for enactment of a new Manufacturing and Engineering Education grants program; \$35 million appropriated, with provision enacted to prioritize grants for community college manufacturing programs



#2: Advanced Transportation & Logistics

Advanced Transportation & Logistics

New Program in Maritime Transportation & Logistics

- We developed a community college maritime workforce centers of excellence program – signed into law December 2017

UAS/Drone Technology

- We drafted community college UAS/drone technology COE, signed into law October 2018

Other

- U.S. DOT funds projects and infrastructure for autonomous vehicles and advanced transportation innovations





#3: Agriculture, Water and Environmental Technologies

**Community
College
Agribusiness
Centers of
Excellence**

**Prioritizing Community Colleges
for USDA Funding**

- ❑ Federally funded land grant institutions include a number of Tribal community and technical college land grants**
- ❑ Over \$50M appropriated for USDA capacity building grants for non-land grant colleges of agriculture. Most community colleges are ineligible as grantees under federal law.**

Progress Through Appropriations

- ❑ USDA Appropriations for FY 2018 and FY 2019 prioritize funding for community college agribusiness centers of excellence**

#4: Business & Entrepreneurship

- ❑ Leverage existing national partnerships for student success in business innovation and entrepreneurship
- ❑ Developing proposal for a national community college entrepreneurship and small business grant program

U.S. Small Business Administration



#5. Energy, Construction and Utilities

UAS/Drone Technology

- Community college UAS/drone centers of excellence program enacted in October 2018 advances use of drone technology in energy, construction and lineman workforce training**

Infrastructure Legislation

- A role for community colleges in infrastructure workforce training**



A world map with a dark blue background and light blue oceans. The map shows various countries in different colors. Overlaid on the map is white text. On the left side, there is a section header. On the right side, there are two paragraphs of text. A vertical white line separates the header from the first paragraph.

#6. *Global Trade*

A community college advisory initiative to work with the White House, U.S. Trade Rep, Department of Commerce and others to advance education and training of American workers to advance global trade

Engage with the National Council for the American Worker

A group of healthcare professionals, including nurses and doctors, are gathered around a patient lying in a hospital bed. They are wearing maroon scrubs and white lab coats. The setting appears to be a clinical or hospital environment. The image is overlaid with a semi-transparent dark grey box containing white text.

#7. Health

A community college advisory initiative to work with HHS/Health Resources & Services Administration (HRSA) to advance nursing and allied health education and training

#8. Information & Communication Technologies/ Digital Media



Relevant Federal Programs

- NSF Advanced Technological Education (ATE) Centers – five existing IT/cybersecurity centers; new NSF ATE Center solicitations in 2018 and 2019
- NSF Secure and Trustworthy Cyberspace – \$68M annual grants
- DOL Scaling Apprenticeship Through Sector-Based Strategies – IT/cybersecurity is priority area; \$150M program closed Oct. 2018
- ED Pilot Program for Cybersecurity Education Technological Upgrades for Community Colleges

#9. Life Sciences/ Biotech

National Science Foundation Biological Technologies Programs

- Agricultural and Food Safety Biotechnology**
- Biosensors**
- Life Sciences**
- Bioinstrumentation**
- Synthetic Biology and Metabolic Engineering**
- Computational Biology and Bioinformatics**
- Advanced Biomanufacturing**

**#10. Retail/
Hospitality
Tourism
“Learn and
Earn”**

U.S. Department of Commerce

- ❑ **International Trade Administration,
National Travel and Tourism Office –
grants and technical assistance to
promote tourism and hospitality**

Smithsonian Institution

- ❑ **Center for Folklife and Cultural Heritage**
- ❑ **National Museum of American History
(Julia Child’s Kitchen)**
- ❑ **Smithsonian Institution Traveling
Exhibit Service (SITES)**

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