

## Conflicts of Interest

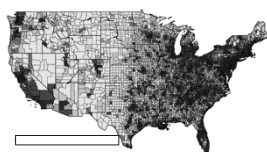


It is the most populous in the U.S.

- Total of 38.3 million people (3% increase in 3 years)
- Home to one out of eight people who live in the U.S.



- California's population is greater than that of all but 34 countries of the world.
- California is home to eight of the 50 most populous cities in the U.S.



California is the second-most-populous sub-national entity in the Western Hemisphere and the Americas, second to that of State of Sao Paulo, Brazil.



California's GDP is larger than that of all but 7 countries



California has the highest homeless population in the U.S. (137,000)

—68% of these are without shelter



American College Emergency Physicians  
*State Report Card on Emergency Services*

- “F”
- Emergency Services (42/51)
- Average ED wait time was 344 minutes
- Overcrowded ED is a extreme problem

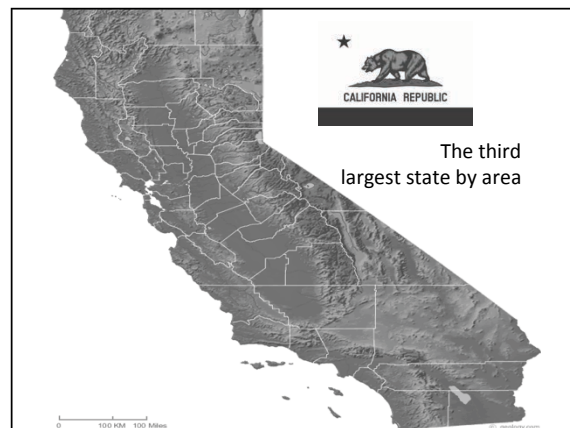
American College of  
Emergency Physicians®

Annals of Emergency Medicine  
*Journal of the American College of Emergency Physicians*

AMERICAN COLLEGE OF EMERGENCY PHYSICIANS  
America's Emergency Care Environment,  
A State-by-State Report Card  
2014 Edition

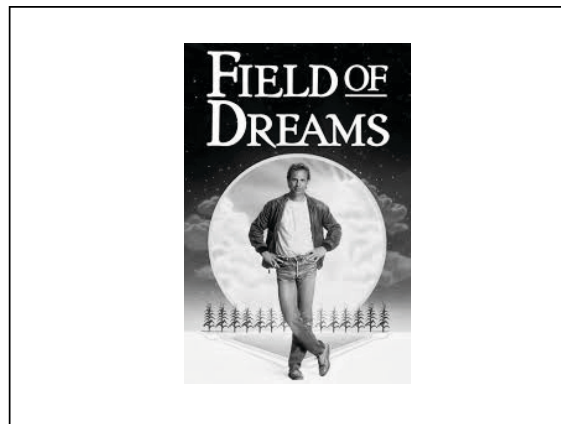
**Report Card Data Table Summary**

State	ACEP Score	ACEP Rating
Alabama	42/51	F
Alaska	48/51	D
Arizona	45/51	C
Arkansas	42/51	F
California	42/51	F
Colorado	48/51	D
Connecticut	48/51	D
Delaware	48/51	D
District of Columbia	48/51	D
Florida	45/51	C
Georgia	42/51	F
Hawaii	48/51	D
Idaho	48/51	D
Illinois	45/51	C
Indiana	42/51	F
Iowa	48/51	D
Kansas	42/51	F
Kentucky	42/51	F
Louisiana	42/51	F
Maine	48/51	D
Maryland	48/51	D
Massachusetts	48/51	D
Michigan	45/51	C
Minnesota	48/51	D
Mississippi	42/51	F
Missouri	45/51	C
Montana	48/51	D
Nebraska	42/51	F
Nevada	48/51	D
New Hampshire	48/51	D
New Jersey	48/51	D
New Mexico	42/51	F
New York	45/51	C
North Carolina	42/51	F
North Dakota	48/51	D
Ohio	42/51	F
Oklahoma	42/51	F
Oregon	48/51	D
Pennsylvania	45/51	C
Rhode Island	48/51	D
South Carolina	42/51	F
South Dakota	48/51	D
Tennessee	42/51	F
Texas	42/51	F
Utah	48/51	D
Vermont	48/51	D
Virginia	45/51	C
Washington	48/51	D
West Virginia	42/51	F
Wisconsin	45/51	C
Wyoming	48/51	D



is larger than that of all but 7





## California Considers Community Paramedic



Prohibited by state law



OSHPD  
Office of Statewide Health  
Planning and Development



## California CP Goals

- Meet the needs as outlined by the Agenda of the Future and the IOM Report, to partner with Public Health



## California CP Goals

- Provide assistance where community health care gaps acknowledged



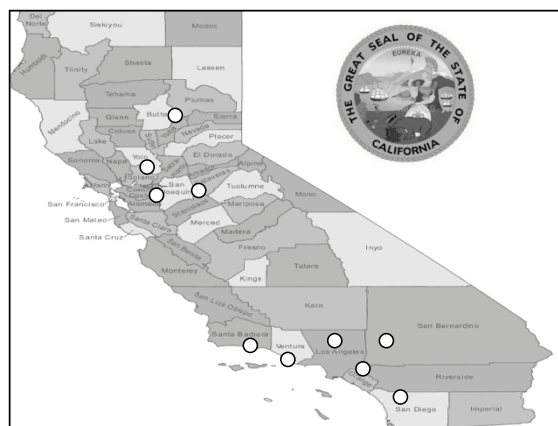
## California CP Goals

- Not to develop a independent practitioner or to replace existing workforce



## CA Demonstration Projects

- 12 demonstration projects selected
- 10 Locations



## Education

- Core Education
  - Expected to be 120 hours
- Site Specific Education
  - Also requires core
- Alternate Transportation
  - Does not require core

## Development of Curricula

- Not reinvent the wheel
- Investigation what is currently being used
- Development of taskforce to ***“Californiatize”***
- Find a partner to deliver the program





## How to Delivery the Program

- 2 programs delivered back to back
- 1 home and 4 distant education satellite locations for each program
- Subject mater experts from around the U.S. will lecture



Each location will have local community

- Selected Students
- Educational Coordinators
- Public Heath Educator
- Medical Director



- Formats
  - Lecture
  - Problem based learning
  - Self directed small group projects
  - Standardized patient encounters
- On site Oversight



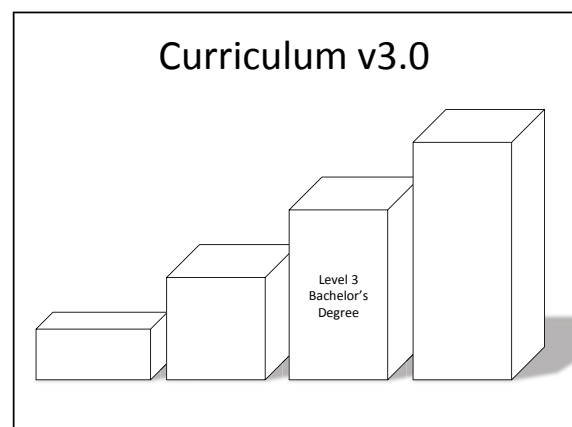
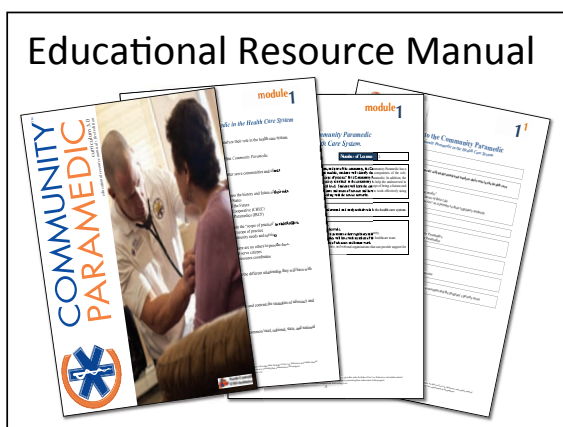
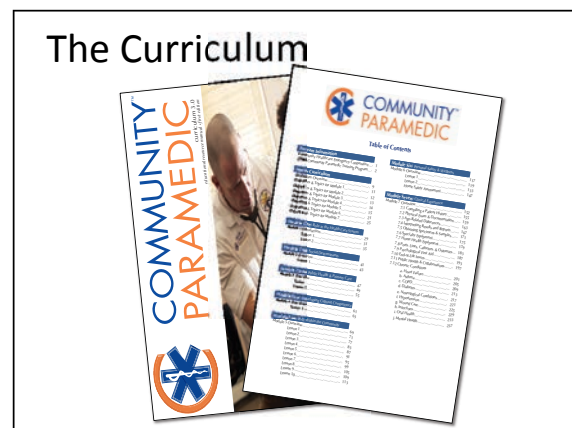
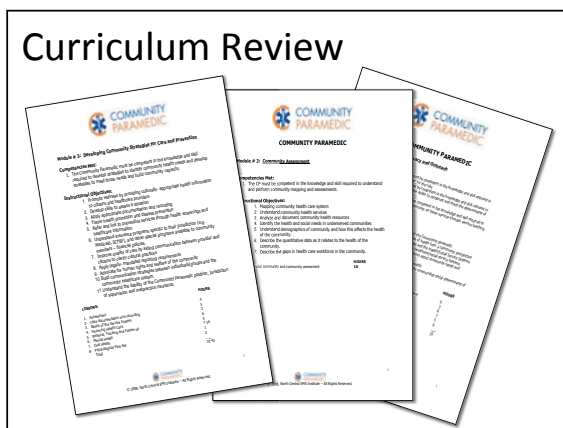
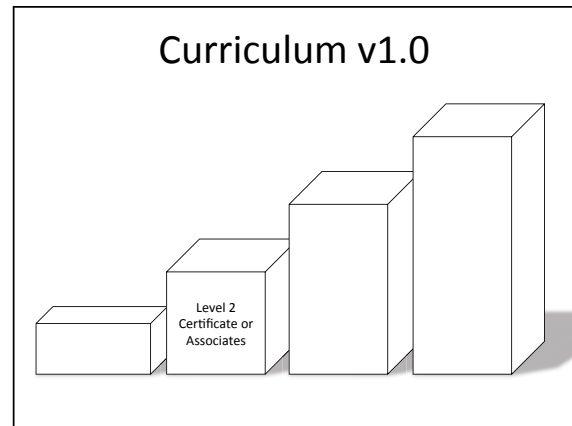
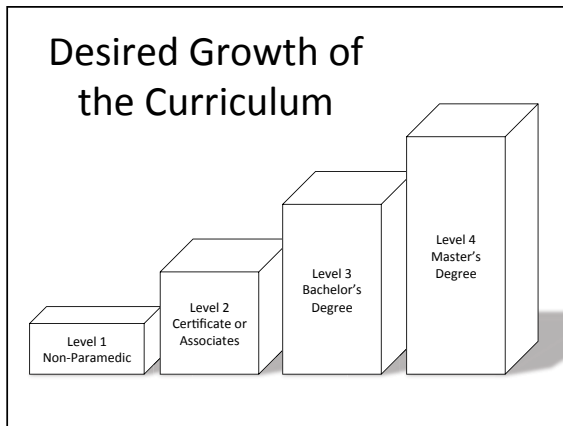
## History of the Curricula



## Community Healthcare and Emergency Collaborative







Research

## A survey of community paramedicine course offerings and planned offerings

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**Abstract**

**Introduction:** The paper reports on the results of a survey that was sent to every recipient of a standardized Community Paramedicine (CP) curriculum. The survey was sent out to 222 post-secondary educators and Government officials. Out of 222 total surveys, 68 (30.6%) responses were received. Forty-seven of the 68 responses (69.1%) answered the question "When are you planning on giving a community paramedic course?" 25 of the 47 responses (53.2%) indicated that their institution had already conducted a CP course, 10 were currently conducting a CP course, or are planning on conducting a CP course within the next five years; of the additional 12 responses (25.5%), 6 (50.0%) were waiting for state approval, and the other 6 (50.0%) were unknown as to when they would be offering a course.


**Conclusions:** At the time of the survey, many CP courses were in planning stages by programs that had received the standardized CP curriculum, both in the US and internationally. It appears that the CP curriculum that has been disseminated

**Abstract**

A broad variety of community paramedic (CP) programs and pilot programs have been implemented in the US and internationally over more than 20 years with the goal of increasing access to healthcare services for underserved populations, particularly those in remote and rural settings, as well as underserved populations in urban settings. The need has included programs that have expanded the clinical scope of practice of the paramedic and emergency medical technician (EMT) (Alaska Community Health Aide Program (ACHAP), 2011; Higgins et al., 2011; Lindholm, 2012a, 2012b; Tan, 2010), and other programs that have focused on expanding the role of the paramedic and EMT (Olin, 2005), with only limited, or minimal, change to the scope of practice. If any. Those programs that


## Survey

- Survey to all recipients of the curriculum
- Anonymous results
- 65 of 145 colleges responded  
— 200+ colleges now




## Results

- 35 colleges teaching or ready to teach the Community Paramedic curriculum (12 additional coming on after survey)
- 12 more planning courses (108 additional after survey)



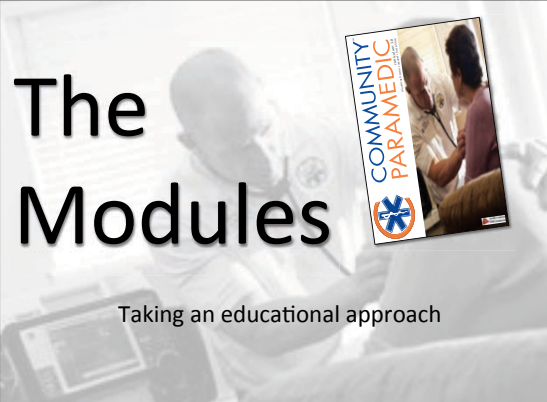
## Results

- 167 active colleges in 5 years
- Curriculum moving to version 4
- Accreditation of college programs




# The Modules

Taking an educational approach



## 7 Sections to the Curriculum

1. Role in the health care system
2. Social determinants of health
3. Public health and primary role
4. Cultural competency
5. Role within the community
6. Personal safety and Wellness
7. Clinical experience



**Module 1****Role in the Health Care System**

*The Community Paramedic will understand and analyze their role in the health care system.*

- 1.1 Define Community Paramedic
- 1.2. Discuss the history and future of their role
- 1.3. Explain the “scope of practice”
- 1.4. Discuss different relationships they will
- 1.5. Compare and contrast the strategies
- 1.6. Identify organizations that can provide support

**Module 2****Social Determinants of Health**

*The Community Paramedic will understand the social determinants of health model.*

- 2.1. Define social ecology and the determinants of health
- 2.2. Describe correlation between HSIs and characteristics
- 2.3. ID social characteristics correlated with HSIs
- 2.4. ID environmental determinants of health
- 2.5. ID impact of policies, regulations & laws on behaviors
- 2.6. Discuss social margin
- 2.7. Describe the role documentation plays

**Module 3****Public Health & Primary Care Role of the CP**

*The Community Paramedic will understand their role in public health and primary care.*

- 3.1. Describe health promotion activities in public health
- 3.2. Describe injury prevention activities in public health
- 3.3. Describe chronic disease management in public health
- 3.4. Describe and apply risk mitigation strategies
- 3.5. Discuss financial impact upon healthcare payers
- 3.6. Describe and apply the appropriate evaluation techniques

**Module 4****Developing Cultural Competence**

*The Community Paramedic will become culturally competent.*

- 4.1. Provide a broad definition of culture
- 4.2. Recognize the divide between culture and individual identity
- 4.3. Describe how culture impacts health
- 4.4. Recognize the risks of stereotyping
- 4.5. Develop Cultural Competence
- 4.6. Incorporation of cultural competence into CP work
- 4.7. Discuss how culture can impact the use of EMS

**Module 5****The CP's Role within the Community**

*The Community Paramedic will understand their role within the community.*

- 5.1 Discuss a community needs assessment
- 5.2 Develop potential patient profiles based upon EMS call volume
- 5.3 Evaluate other needs of the community
- 5.4 Discuss how mapping plays a role as part of needs assessment
- 5.5 Describe different types of safety nets
- 5.6 Discuss the role financing plays
- 5.7 Discuss the different types and levels of care available

NOTE: There are 39 objectives in this module

**Module 6****The CP's Personal Safety and Wellness**

*The Community Paramedic will understand the importance of balancing stress and wellness while ensuring their personal safety.*

- 6.1. Define Key terms associated with wellness and safety
- 6.2. Discuss the components of well-being
- 6.3. Discuss the physiological effects of stress
- 6.4. Discuss the concept of burnout
- 6.5. Identify the warning signs of stress
- 6.6. Identify strategies to manage stress
- 6.7. Discuss wellness
- 6.8. Discuss death and dying

NOTE: There are 20 objectives in this module



## Module 7

Clinical Experience for the CP

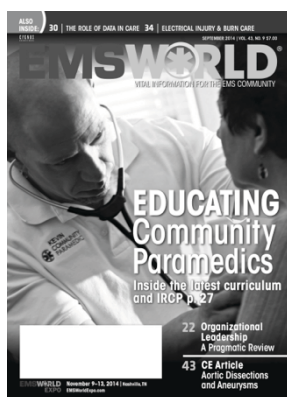
*The Community Paramedic will understand and provide the clinical care of the identified population.*

- 7.1. Compile a history on a sub-acute, semi-chronic patient
- 7.2. Perform a physical examination and document patient history
- 7.3. Recognize the clinical differences between populations
- 7.4. Interpret results and reports obtained
- 7.5. Obtain specimens and samples for laboratory testing
- 7.6. Utilize specialty equipment in gathering history and physical
- 7.7. Demonstrate use of home health equipment and devices
- 7.8. Access & maintain ports, central lines, catheters, and ostomies

NOTE: There are 12 objectives in this module

## Competencies

- Attendance
- PBL participation
- Quizzes
- Completed projects
- Written exams
- Final exams
- Standardized patient exams
- Medical Director Oral exam



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