

Health Navigator

Submitter's Information

Name Sarah Baron
Title Professor
Region Central/Mother Lode
College Bakersfield College
CTE Dean Cindy Collier

Program Information

Program Name Health Navigator
Projected Start Date August 22, 2018
Program Type(s) Certificate of Achievement 12-17 Semester (or 17-27 Quarter) Units
Certificate Required Units 24
Units of Major Degree n/a
Total Units for Degree n/a

TOPs Code Health Education (083700)

Program Goals The Health Navigator Certificate of Achievement competencies closely align with the health education profession. All course work will include public health sciences classes (PBHS 20, 21, 22, and 23) which are grounded in the principles of public health and can be used to continue course work at the California State University and University California levels. The certificate of achievement is created to be a stackable component with the Associate Science Transfer Degree or as direct pathway into the public health field. In addition, the curriculum will include an experimental practice-based learning class with direct practice. The curriculum is designed to be flexible enough to support students in various stages of their career and academic paths.

The Health Navigator Certificate is a two semester, up to 24 credit certificate of achievement, which includes a work based practicum.

Coursework is specific to public health field. Below are the student learning outcomes. Upon completion of the Health Navigator Certificate, students will be able to:

1. Practice within the code of ethics required with the health education field.
2. Use communication strategies that are responsive to the social determinants of health for an individual and/or community. Social determinants include conditions in the environments in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks.
3. Implement health education plans to promote healthy behaviors, address health risks and reduce harm.
4. Work with clients to facilitate access to resources and increase the clients' ability to navigate the health care system

Program Description Health Navigator is a health care professional who works as part of a team or health care system to reduce barriers to accessing health care and promoting prevention services. This includes linking patients with a primary health care provider, providing information and resources, helping providers communicate with patients, and providing health education and promoting health behaviors. The Health Navigator Certificate is a two semester, up to 24 credit certificate of achievement, which includes a work based internship. Coursework is specific to the public health promotional field. Below are the student learning outcomes. Upon completion of the Health Navigator Certificate, students will be able to:

1. Practice within the code of ethics for health educators (health navigator, community health worker, outreach worker, patient navigator).
2. Use communication strategies that are responsive to the social determinants of health for an individual and/or community. Social determinants include conditions in the environments in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks.
3. Implement health education plans to promote healthy behaviors, address health risks and reduce harm.
4. Work with clients to facilitate access to resources and increase the clients' ability to navigate the health care system

There are no prerequisite skills needed prior to enrollment. Embedded in the course work of the certificate of achievement is a directed practicum. This internship will provide a capstone experience and placement in a public health worksite. The public health field is competitive and requires that participants have a track record of success and can demonstrate knowledge and skills. Positions include but are not limited to health navigator, community health outreach worker, nonprofit work to working in a school health environment.

Program Requirements PBHS 20 Introduction to Public Health- provides overview of public health concepts
PBHS 21 Personal Health and Wellness – Provides health promotion and behavior overview
MEDS35 Lifespan Development – Provides an overview of each life stage and stresses developmentally and culturally appropriate practices
PBHS 22 Drugs Health and Society- Provides an overview of drug types, misuse and use issues and impact on community.
PBHS 23 Social Justice and Health – Examines health and social justice issues in community, access to quality health care
PBHS 30 Capstone Project and completion of ACCA Coverage Enrollment Certificate
HEIT25 Healthcare Reimbursement
Navigating Health Insurance – Provides an overview of health care system and documentation procedures for health insurance
COMM B9 Health Communication
3 Units per class Total Core Courses 24

Program Projections The proposed start date for the Health Navigator is Fall 2018. Only ‘Semester One’ courses will be offered. ‘Semester Two’ courses will be added in addition to ‘Semester One’ courses in Fall 2019. ‘Semester Three’ and ‘Semester Four’ courses will be added as the program progresses. Students may enter the program in the Fall semester. It is projected that initially 20-30 students will enroll in and complete the Certificate of Achievement annually.

Labor Market Information Must be logged in to view files

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Status Recommended

Central/Mother Lode Region Specific Questions

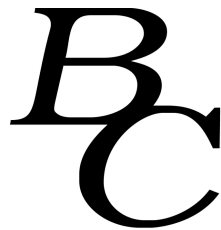
Advisory Minutes Must be logged in to view files

Occupation Overview

Emsi Q3 2016 Data Set

September 2016

Bakersfield College



Bakersfield
COLLEGE



1801 Panorama Drive
Bakersfield, California 93305
661.395.4921

Parameters

Occupations

Code	Description
21-1094	Community Health Workers

Regions

235 items selected. See Appendix A for details.

Timeframe

2015 - 2020

Datarun

2016.3 - Employees

Community Health Workers in 235 ZIPs

Community Health Workers (SOC 21-1094):

Assist individuals and communities to adopt healthy behaviors. Conduct outreach for medical personnel or health organizations to implement programs in the community that promote, maintain, and improve individual and community health. May provide information on available resources, provide social support and informal counseling, advocate for individuals and community health needs, and provide services such as first aid and blood pressure screening. May collect data to help identify community health needs. Excludes "Health Educators" (21-1091).

Sample of Reported Job Titles:

Community Health Worker (CHW)

Community Health Promoter

Community Health Outreach Worker

HIV CTS Specialist (Human Immunodeficiency Virus Counseling and Testing Services Specialist)

Community Nutrition Educator

Community Health Program Representative (Community Health Program Rep)

Community Health Program Coordinator

Chief Program Officer

Assistant Director of Nutrition and Wellness Programs

Apprise Counselor

Related O*NET Occupation:

Community Health Workers (21-1094.00)

Occupation Summary for Community Health Workers

<p>342 Jobs (2016) 25% below National average</p>	<p>+13.2% % Change (2015-2020) Nation: +11.1%</p>	<p>\$18.19/hr Median Hourly Earnings Nation: \$17.72/hr</p>
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Growth for Community Health Workers (21-1094)

334

2015 Jobs

378

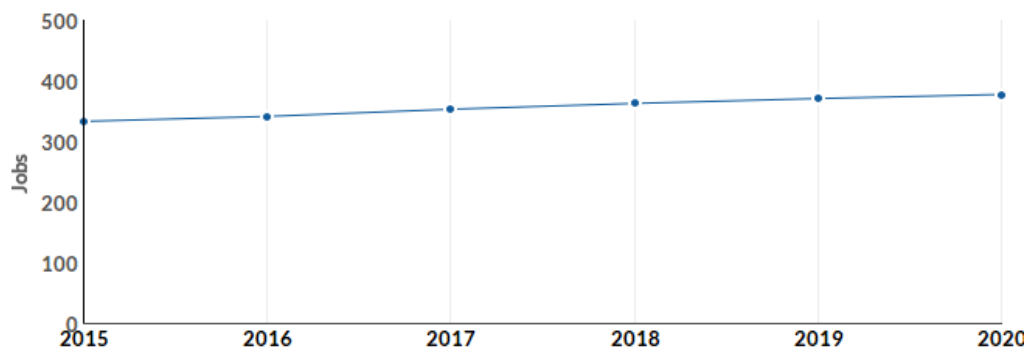
2020 Jobs

44

Change (2015-2020)

13.2%

% Change (2015-2020)



Percentile Earnings for Community Health Workers (21-1094)

\$14.32/hr

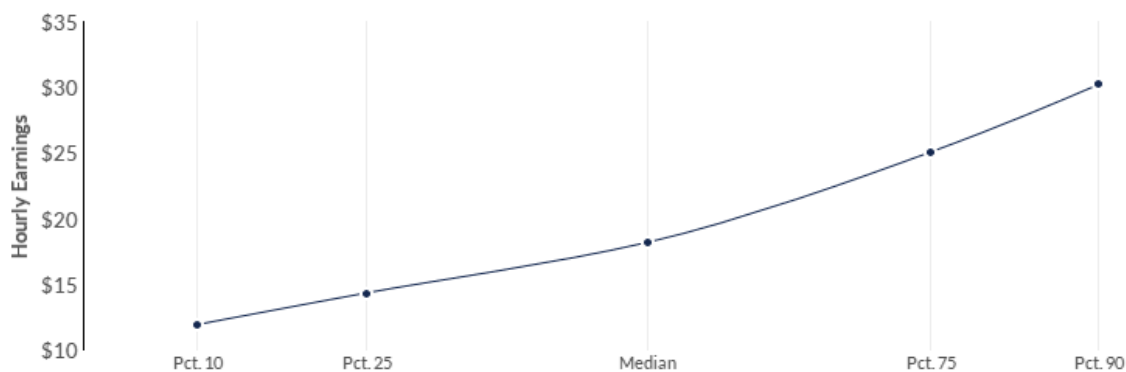
25th Percentile Earnings

\$18.19/hr

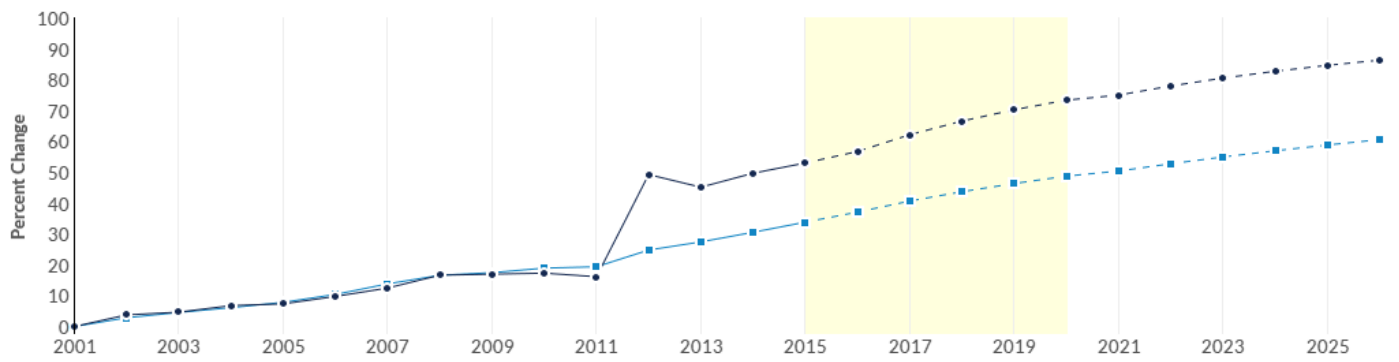
Median Earnings

\$25.04/hr

75th Percentile Earnings

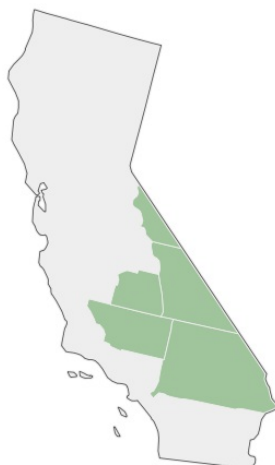


Regional Trends



Region	2015 Jobs	2020 Jobs	Change	% Change
● Region	334	378	44	13.2%
■ United States	52,807	58,688	5,881	11.1%

Regional Breakdown



* Highlighted areas show counties that contain the selected zip codes

ZIP	2020 Jobs
Bakersfield, CA 93301 (in Kern county)	40
Visalia, CA 93291 (in Tulare county)	35
Bakersfield, CA 93309 (in Kern county)	19
San Bernardino, CA 92415 (in San Bernardino county)	17
Highland, CA 92346 (in San Bernardino county)	17

Occupational Programs

7 Programs (2015)	173 Completions (2015)	15 Openings (2015)
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CIP Code	Program	Completions (2015)
44.0000	Human Services, General	126
51.2207	Public Health Education and Promotion	24
51.2201	Public Health, General	13
51.0001	Health and Wellness, General	9
51.2209	Maternal and Child Health	1

Industries Employing Community Health Workers

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
Services for the Elderly and Persons with Disabilities	79	23.1%	0.3%
Local Government, Excluding Education and Hospitals	49	14.3%	0.1%
Offices of Physicians (except Mental Health Specialists)	19	5.7%	0.1%
Other Individual and Family Services	17	4.9%	0.8%
Hospitals (Local Government)	15	4.3%	0.1%

Appendix A - Regions

Code	Description
91701	Rancho Cucamonga, CA (in San Bernardino county)
91708	Chino, CA (in San Bernardino county)
91709	Chino Hills, CA (in San Bernardino county)
91710	Chino, CA (in San Bernardino county)
91729	Rancho Cucamonga, CA (in San Bernardino county)
91730	Rancho Cucamonga, CA (in San Bernardino county)
91737	Rancho Cucamonga, CA (in San Bernardino county)
91739	Rancho Cucamonga, CA (in San Bernardino county)
91743	Guasti, CA (in San Bernardino county)
91758	Ontario, CA (in San Bernardino county)
91759	Mt Baldy, CA (in San Bernardino county)
91761	Ontario, CA (in San Bernardino county)
91762	Ontario, CA (in San Bernardino county)
91763	Montclair, CA (in San Bernardino county)
91764	Ontario, CA (in San Bernardino county)
91784	Upland, CA (in San Bernardino county)
91785	Upland, CA (in San Bernardino county)
91786	Upland, CA (in San Bernardino county)
92252	Joshua Tree, CA (in San Bernardino county)
92256	Morongo Valley, CA (in San Bernardino county)
92268	Pioneertown, CA (in San Bernardino county)
92277	Twentynine Palms, CA (in San Bernardino county)
92278	Twentynine Palms, CA (in San Bernardino county)
92284	Yucca Valley, CA (in San Bernardino county)
92285	Landers, CA (in San Bernardino county)
92286	Yucca Valley, CA (in San Bernardino county)
92301	Adelanto, CA (in San Bernardino county)
92304	Amboy, CA (in San Bernardino county)
92305	Angelus Oaks, CA (in San Bernardino county)
92307	Apple Valley, CA (in San Bernardino county)

Code	Description
92308	Apple Valley, CA (in San Bernardino county)
92309	Baker, CA (in San Bernardino county)
92310	Fort Irwin, CA (in San Bernardino county)
92311	Barstow, CA (in San Bernardino county)
92312	Barstow, CA (in San Bernardino county)
92313	Grand Terrace, CA (in San Bernardino county)
92314	Big Bear City, CA (in San Bernardino county)
92315	Big Bear Lake, CA (in San Bernardino county)
92316	Bloomington, CA (in San Bernardino county)
92317	Blue Jay, CA (in San Bernardino county)
92318	Bryn Mawr, CA (in San Bernardino county)
92321	Cedar Glen, CA (in San Bernardino county)
92322	Cedarpines Park, CA (in San Bernardino county)
92324	Colton, CA (in San Bernardino county)
92325	Crestline, CA (in San Bernardino county)
92327	Daggett, CA (in San Bernardino county)
92328	Death Valley, CA (in Inyo county)
92329	Phelan, CA (in San Bernardino county)
92332	Essex, CA (in San Bernardino county)
92333	Fawnskin, CA (in San Bernardino county)
92334	Fontana, CA (in San Bernardino county)
92335	Fontana, CA (in San Bernardino county)
92336	Fontana, CA (in San Bernardino county)
92337	Fontana, CA (in San Bernardino county)
92338	Ludlow, CA (in San Bernardino county)
92339	Forest Falls, CA (in San Bernardino county)
92340	Hesperia, CA (in San Bernardino county)
92341	Green Valley Lake, CA (in San Bernardino county)
92342	Helendale, CA (in San Bernardino county)
92344	Hesperia, CA (in San Bernardino county)
92345	Hesperia, CA (in San Bernardino county)

Code	Description
92346	Highland, CA (in San Bernardino county)
92347	Hinkley, CA (in San Bernardino county)
92350	Loma Linda, CA (in San Bernardino county)
92352	Lake Arrowhead, CA (in San Bernardino county)
92354	Loma Linda, CA (in San Bernardino county)
92356	Lucerne Valley, CA (in San Bernardino county)
92357	Loma Linda, CA (in San Bernardino county)
92358	Lytle Creek, CA (in San Bernardino county)
92359	Mentone, CA (in San Bernardino county)
92364	Nipton, CA (in San Bernardino county)
92365	Newberry Springs, CA (in San Bernardino county)
92366	Mountain Pass, CA (in San Bernardino county)
92368	Oro Grande, CA (in San Bernardino county)
92369	Patton, CA (in San Bernardino county)
92371	Phelan, CA (in San Bernardino county)
92372	Pinon Hills, CA (in San Bernardino county)
92373	Redlands, CA (in San Bernardino county)
92374	Redlands, CA (in San Bernardino county)
92375	Redlands, CA (in San Bernardino county)
92376	Rialto, CA (in San Bernardino county)
92377	Rialto, CA (in San Bernardino county)
92378	Rimforest, CA (in San Bernardino county)
92382	Running Springs, CA (in San Bernardino county)
92384	Shoshone, CA (in Inyo county)
92385	Skyforest, CA (in San Bernardino county)
92386	Sugarloaf, CA (in San Bernardino county)
92389	Tecopa, CA (in Inyo county)
92391	Twin Peaks, CA (in San Bernardino county)
92392	Victorville, CA (in San Bernardino county)
92393	Victorville, CA (in San Bernardino county)
92394	Victorville, CA (in San Bernardino county)

Code	Description
92395	Victorville, CA (in San Bernardino county)
92397	Wrightwood, CA (in San Bernardino county)
92398	Yermo, CA (in San Bernardino county)
92399	Yucaipa, CA (in San Bernardino county)
92401	San Bernardino, CA (in San Bernardino county)
92402	San Bernardino, CA (in San Bernardino county)
92403	San Bernardino, CA (in San Bernardino county)
92404	San Bernardino, CA (in San Bernardino county)
92405	San Bernardino, CA (in San Bernardino county)
92406	San Bernardino, CA (in San Bernardino county)
92407	San Bernardino, CA (in San Bernardino county)
92408	San Bernardino, CA (in San Bernardino county)
92410	San Bernardino, CA (in San Bernardino county)
92411	San Bernardino, CA (in San Bernardino county)
92413	San Bernardino, CA (in San Bernardino county)
92415	San Bernardino, CA (in San Bernardino county)
92418	San Bernardino, CA (in San Bernardino county)
92423	San Bernardino, CA (in San Bernardino county)
92427	San Bernardino, CA (in San Bernardino county)
93201	Alpaugh, CA (in Tulare county)
93203	Arvin, CA (in Kern county)
93205	Bodfish, CA (in Kern county)
93206	Buttonwillow, CA (in Kern county)
93207	California Hot Springs, CA (in Tulare county)
93208	Camp Nelson, CA (in Tulare county)
93215	Delano, CA (in Kern county)
93216	Delano, CA (in Kern county)
93218	Ducor, CA (in Tulare county)
93219	Earlimart, CA (in Tulare county)
93220	Edison, CA (in Kern county)
93221	Exeter, CA (in Tulare county)

Code	Description
93222	Pine Mountain Club, CA (in Kern county)
93223	Farmersville, CA (in Tulare county)
93224	Fellows, CA (in Kern county)
93225	Frazier Park, CA (in Kern county)
93226	Glennville, CA (in Kern county)
93227	Goshen, CA (in Tulare county)
93235	Ivanhoe, CA (in Tulare county)
93237	Kaweah, CA (in Tulare county)
93238	Kernville, CA (in Kern county)
93240	Lake Isabella, CA (in Kern county)
93241	Lamont, CA (in Kern county)
93243	Lebec, CA (in Kern county)
93244	Lemon Cove, CA (in Tulare county)
93247	Lindsay, CA (in Tulare county)
93249	Lost Hills, CA (in Kern county)
93250	McFarland, CA (in Kern county)
93251	McKittrick, CA (in Kern county)
93252	Maricopa, CA (in Kern county)
93255	Onyx, CA (in Kern county)
93256	Pixley, CA (in Tulare county)
93257	Porterville, CA (in Tulare county)
93258	Porterville, CA (in Tulare county)
93260	Posey, CA (in Tulare county)
93261	Richgrove, CA (in Tulare county)
93262	Sequoia National Park, CA (in Tulare county)
93263	Shafter, CA (in Kern county)
93265	Springville, CA (in Tulare county)
93267	Strathmore, CA (in Tulare county)
93268	Taft, CA (in Kern county)
93270	Terra Bella, CA (in Tulare county)
93271	Three Rivers, CA (in Tulare county)

Code	Description
93272	Tipton, CA (in Tulare county)
93274	Tulare, CA (in Tulare county)
93275	Tulare, CA (in Tulare county)
93276	Tupman, CA (in Kern county)
93277	Visalia, CA (in Tulare county)
93278	Visalia, CA (in Tulare county)
93279	Visalia, CA (in Tulare county)
93280	Wasco, CA (in Kern county)
93282	Waukena, CA (in Tulare county)
93283	Weldon, CA (in Kern county)
93285	Wofford Heights, CA (in Kern county)
93286	Woodlake, CA (in Tulare county)
93287	Woody, CA (in Kern county)
93291	Visalia, CA (in Tulare county)
93292	Visalia, CA (in Tulare county)
93301	Bakersfield, CA (in Kern county)
93302	Bakersfield, CA (in Kern county)
93303	Bakersfield, CA (in Kern county)
93304	Bakersfield, CA (in Kern county)
93305	Bakersfield, CA (in Kern county)
93306	Bakersfield, CA (in Kern county)
93307	Bakersfield, CA (in Kern county)
93308	Bakersfield, CA (in Kern county)
93309	Bakersfield, CA (in Kern county)
93311	Bakersfield, CA (in Kern county)
93312	Bakersfield, CA (in Kern county)
93313	Bakersfield, CA (in Kern county)
93314	Bakersfield, CA (in Kern county)
93380	Bakersfield, CA (in Kern county)
93383	Bakersfield, CA (in Kern county)
93384	Bakersfield, CA (in Kern county)

Code	Description
93385	Bakersfield, CA (in Kern county)
93386	Bakersfield, CA (in Kern county)
93387	Bakersfield, CA (in Kern county)
93388	Bakersfield, CA (in Kern county)
93389	Bakersfield, CA (in Kern county)
93390	Bakersfield, CA (in Kern county)
93501	Mojave, CA (in Kern county)
93502	Mojave, CA (in Kern county)
93504	California City, CA (in Kern county)
93505	California City, CA (in Kern county)
93512	Benton, CA (in Mono county)
93513	Big Pine, CA (in Inyo county)
93514	Bishop, CA (in Inyo county)
93515	Bishop, CA (in Inyo county)
93516	Boron, CA (in Kern county)
93517	Bridgeport, CA (in Mono county)
93518	Caliente, CA (in Kern county)
93519	Cantil, CA (in Kern county)
93522	Darwin, CA (in Inyo county)
93523	Edwards, CA (in Kern county)
93524	Edwards, CA (in Kern county)
93526	Independence, CA (in Inyo county)
93527	Inyokern, CA (in Kern county)
93528	Johannesburg, CA (in Kern county)
93529	June Lake, CA (in Mono county)
93530	Keeler, CA (in Inyo county)
93531	Keene, CA (in Kern county)
93541	Lee Vining, CA (in Mono county)
93542	Little Lake, CA (in Inyo county)
93545	Lone Pine, CA (in Inyo county)
93546	Mammoth Lakes, CA (in Mono county)

Code	Description
93549	Olancha, CA (in Inyo county)
93554	Randsburg, CA (in Kern county)
93555	Ridgecrest, CA (in Kern county)
93556	Ridgecrest, CA (in Kern county)
93558	Red Mountain, CA (in Kern county)
93560	Rosamond, CA (in Kern county)
93561	Tehachapi, CA (in Kern county)
93562	Trona, CA (in San Bernardino county)
93581	Tehachapi, CA (in Kern county)
93592	Trona, CA (in San Bernardino county)
93596	Boron, CA (in Kern county)
93603	Badger, CA (in Tulare county)
93615	Cutler, CA (in Tulare county)
93618	Dinuba, CA (in Tulare county)
93633	Kings Canyon National Pk, CA (in Tulare county)
93647	Orosi, CA (in Tulare county)
93666	Sultana, CA (in Tulare county)
93670	Yettem, CA (in Tulare county)
93673	Traver, CA (in Tulare county)

Appendix B - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

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State Data Sources

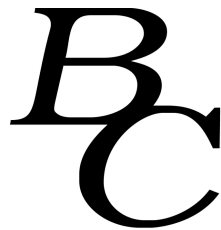
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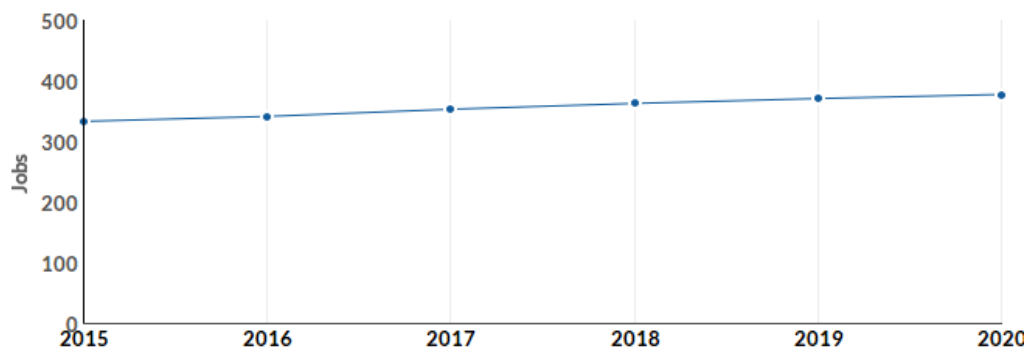
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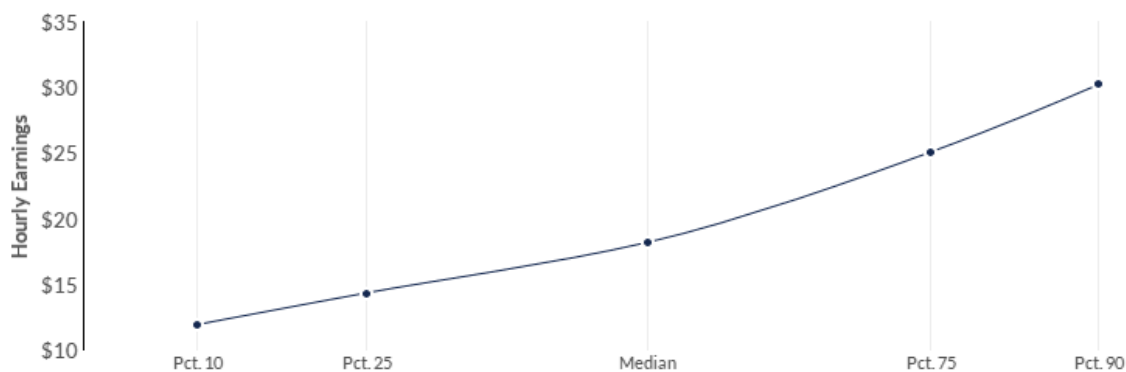
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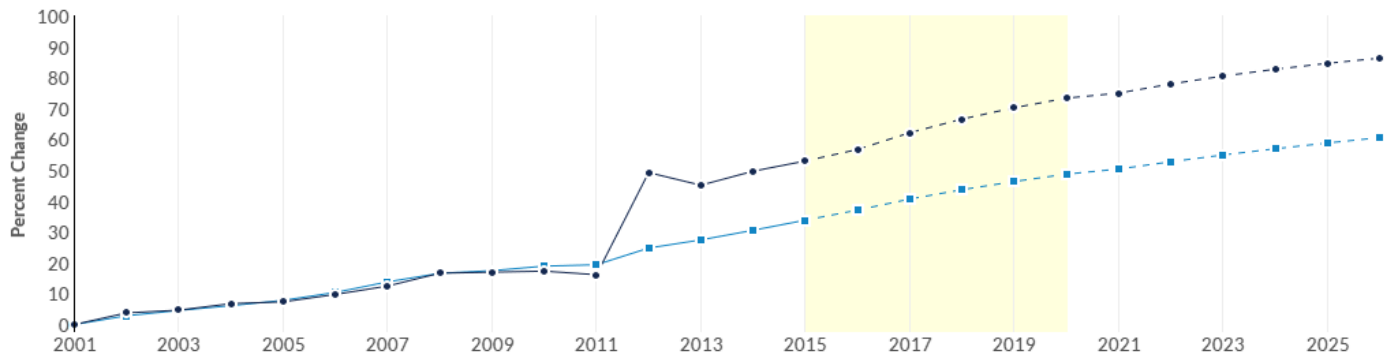
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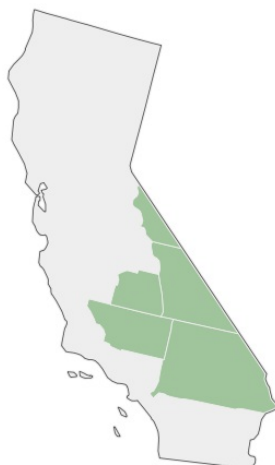


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CIP Code	Program	Completions (2015)
44.0000	Human Services, General	126
51.2207	Public Health Education and Promotion	24
51.2201	Public Health, General	13
51.0001	Health and Wellness, General	9
51.2209	Maternal and Child Health	1

Industries Employing Community Health Workers

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
Services for the Elderly and Persons with Disabilities	79	23.1%	0.3%
Local Government, Excluding Education and Hospitals	49	14.3%	0.1%
Offices of Physicians (except Mental Health Specialists)	19	5.7%	0.1%
Other Individual and Family Services	17	4.9%	0.8%
Hospitals (Local Government)	15	4.3%	0.1%

Appendix A - Regions

Code	Description
91701	Rancho Cucamonga, CA (in San Bernardino county)
91708	Chino, CA (in San Bernardino county)
91709	Chino Hills, CA (in San Bernardino county)
91710	Chino, CA (in San Bernardino county)
91729	Rancho Cucamonga, CA (in San Bernardino county)
91730	Rancho Cucamonga, CA (in San Bernardino county)
91737	Rancho Cucamonga, CA (in San Bernardino county)
91739	Rancho Cucamonga, CA (in San Bernardino county)
91743	Guasti, CA (in San Bernardino county)
91758	Ontario, CA (in San Bernardino county)
91759	Mt Baldy, CA (in San Bernardino county)
91761	Ontario, CA (in San Bernardino county)
91762	Ontario, CA (in San Bernardino county)
91763	Montclair, CA (in San Bernardino county)
91764	Ontario, CA (in San Bernardino county)
91784	Upland, CA (in San Bernardino county)
91785	Upland, CA (in San Bernardino county)
91786	Upland, CA (in San Bernardino county)
92252	Joshua Tree, CA (in San Bernardino county)
92256	Morongo Valley, CA (in San Bernardino county)
92268	Pioneertown, CA (in San Bernardino county)
92277	Twentynine Palms, CA (in San Bernardino county)
92278	Twentynine Palms, CA (in San Bernardino county)
92284	Yucca Valley, CA (in San Bernardino county)
92285	Landers, CA (in San Bernardino county)
92286	Yucca Valley, CA (in San Bernardino county)
92301	Adelanto, CA (in San Bernardino county)
92304	Amboy, CA (in San Bernardino county)
92305	Angelus Oaks, CA (in San Bernardino county)
92307	Apple Valley, CA (in San Bernardino county)

Code	Description
92308	Apple Valley, CA (in San Bernardino county)
92309	Baker, CA (in San Bernardino county)
92310	Fort Irwin, CA (in San Bernardino county)
92311	Barstow, CA (in San Bernardino county)
92312	Barstow, CA (in San Bernardino county)
92313	Grand Terrace, CA (in San Bernardino county)
92314	Big Bear City, CA (in San Bernardino county)
92315	Big Bear Lake, CA (in San Bernardino county)
92316	Bloomington, CA (in San Bernardino county)
92317	Blue Jay, CA (in San Bernardino county)
92318	Bryn Mawr, CA (in San Bernardino county)
92321	Cedar Glen, CA (in San Bernardino county)
92322	Cedarpines Park, CA (in San Bernardino county)
92324	Colton, CA (in San Bernardino county)
92325	Crestline, CA (in San Bernardino county)
92327	Daggett, CA (in San Bernardino county)
92328	Death Valley, CA (in Inyo county)
92329	Phelan, CA (in San Bernardino county)
92332	Essex, CA (in San Bernardino county)
92333	Fawnskin, CA (in San Bernardino county)
92334	Fontana, CA (in San Bernardino county)
92335	Fontana, CA (in San Bernardino county)
92336	Fontana, CA (in San Bernardino county)
92337	Fontana, CA (in San Bernardino county)
92338	Ludlow, CA (in San Bernardino county)
92339	Forest Falls, CA (in San Bernardino county)
92340	Hesperia, CA (in San Bernardino county)
92341	Green Valley Lake, CA (in San Bernardino county)
92342	Helendale, CA (in San Bernardino county)
92344	Hesperia, CA (in San Bernardino county)
92345	Hesperia, CA (in San Bernardino county)

Code	Description
92346	Highland, CA (in San Bernardino county)
92347	Hinkley, CA (in San Bernardino county)
92350	Loma Linda, CA (in San Bernardino county)
92352	Lake Arrowhead, CA (in San Bernardino county)
92354	Loma Linda, CA (in San Bernardino county)
92356	Lucerne Valley, CA (in San Bernardino county)
92357	Loma Linda, CA (in San Bernardino county)
92358	Lytle Creek, CA (in San Bernardino county)
92359	Mentone, CA (in San Bernardino county)
92364	Nipton, CA (in San Bernardino county)
92365	Newberry Springs, CA (in San Bernardino county)
92366	Mountain Pass, CA (in San Bernardino county)
92368	Oro Grande, CA (in San Bernardino county)
92369	Patton, CA (in San Bernardino county)
92371	Phelan, CA (in San Bernardino county)
92372	Pinon Hills, CA (in San Bernardino county)
92373	Redlands, CA (in San Bernardino county)
92374	Redlands, CA (in San Bernardino county)
92375	Redlands, CA (in San Bernardino county)
92376	Rialto, CA (in San Bernardino county)
92377	Rialto, CA (in San Bernardino county)
92378	Rimforest, CA (in San Bernardino county)
92382	Running Springs, CA (in San Bernardino county)
92384	Shoshone, CA (in Inyo county)
92385	Skyforest, CA (in San Bernardino county)
92386	Sugarloaf, CA (in San Bernardino county)
92389	Tecopa, CA (in Inyo county)
92391	Twin Peaks, CA (in San Bernardino county)
92392	Victorville, CA (in San Bernardino county)
92393	Victorville, CA (in San Bernardino county)
92394	Victorville, CA (in San Bernardino county)

Code	Description
92395	Victorville, CA (in San Bernardino county)
92397	Wrightwood, CA (in San Bernardino county)
92398	Yermo, CA (in San Bernardino county)
92399	Yucaipa, CA (in San Bernardino county)
92401	San Bernardino, CA (in San Bernardino county)
92402	San Bernardino, CA (in San Bernardino county)
92403	San Bernardino, CA (in San Bernardino county)
92404	San Bernardino, CA (in San Bernardino county)
92405	San Bernardino, CA (in San Bernardino county)
92406	San Bernardino, CA (in San Bernardino county)
92407	San Bernardino, CA (in San Bernardino county)
92408	San Bernardino, CA (in San Bernardino county)
92410	San Bernardino, CA (in San Bernardino county)
92411	San Bernardino, CA (in San Bernardino county)
92413	San Bernardino, CA (in San Bernardino county)
92415	San Bernardino, CA (in San Bernardino county)
92418	San Bernardino, CA (in San Bernardino county)
92423	San Bernardino, CA (in San Bernardino county)
92427	San Bernardino, CA (in San Bernardino county)
93201	Alpaugh, CA (in Tulare county)
93203	Arvin, CA (in Kern county)
93205	Bodfish, CA (in Kern county)
93206	Buttonwillow, CA (in Kern county)
93207	California Hot Springs, CA (in Tulare county)
93208	Camp Nelson, CA (in Tulare county)
93215	Delano, CA (in Kern county)
93216	Delano, CA (in Kern county)
93218	Ducor, CA (in Tulare county)
93219	Earlimart, CA (in Tulare county)
93220	Edison, CA (in Kern county)
93221	Exeter, CA (in Tulare county)

Code	Description
93222	Pine Mountain Club, CA (in Kern county)
93223	Farmersville, CA (in Tulare county)
93224	Fellows, CA (in Kern county)
93225	Frazier Park, CA (in Kern county)
93226	Glennville, CA (in Kern county)
93227	Goshen, CA (in Tulare county)
93235	Ivanhoe, CA (in Tulare county)
93237	Kaweah, CA (in Tulare county)
93238	Kernville, CA (in Kern county)
93240	Lake Isabella, CA (in Kern county)
93241	Lamont, CA (in Kern county)
93243	Lebec, CA (in Kern county)
93244	Lemon Cove, CA (in Tulare county)
93247	Lindsay, CA (in Tulare county)
93249	Lost Hills, CA (in Kern county)
93250	McFarland, CA (in Kern county)
93251	McKittrick, CA (in Kern county)
93252	Maricopa, CA (in Kern county)
93255	Onyx, CA (in Kern county)
93256	Pixley, CA (in Tulare county)
93257	Porterville, CA (in Tulare county)
93258	Porterville, CA (in Tulare county)
93260	Posey, CA (in Tulare county)
93261	Richgrove, CA (in Tulare county)
93262	Sequoia National Park, CA (in Tulare county)
93263	Shafter, CA (in Kern county)
93265	Springville, CA (in Tulare county)
93267	Strathmore, CA (in Tulare county)
93268	Taft, CA (in Kern county)
93270	Terra Bella, CA (in Tulare county)
93271	Three Rivers, CA (in Tulare county)

Code	Description
93272	Tipton, CA (in Tulare county)
93274	Tulare, CA (in Tulare county)
93275	Tulare, CA (in Tulare county)
93276	Tupman, CA (in Kern county)
93277	Visalia, CA (in Tulare county)
93278	Visalia, CA (in Tulare county)
93279	Visalia, CA (in Tulare county)
93280	Wasco, CA (in Kern county)
93282	Waukena, CA (in Tulare county)
93283	Weldon, CA (in Kern county)
93285	Wofford Heights, CA (in Kern county)
93286	Woodlake, CA (in Tulare county)
93287	Woody, CA (in Kern county)
93291	Visalia, CA (in Tulare county)
93292	Visalia, CA (in Tulare county)
93301	Bakersfield, CA (in Kern county)
93302	Bakersfield, CA (in Kern county)
93303	Bakersfield, CA (in Kern county)
93304	Bakersfield, CA (in Kern county)
93305	Bakersfield, CA (in Kern county)
93306	Bakersfield, CA (in Kern county)
93307	Bakersfield, CA (in Kern county)
93308	Bakersfield, CA (in Kern county)
93309	Bakersfield, CA (in Kern county)
93311	Bakersfield, CA (in Kern county)
93312	Bakersfield, CA (in Kern county)
93313	Bakersfield, CA (in Kern county)
93314	Bakersfield, CA (in Kern county)
93380	Bakersfield, CA (in Kern county)
93383	Bakersfield, CA (in Kern county)
93384	Bakersfield, CA (in Kern county)

Code	Description
93385	Bakersfield, CA (in Kern county)
93386	Bakersfield, CA (in Kern county)
93387	Bakersfield, CA (in Kern county)
93388	Bakersfield, CA (in Kern county)
93389	Bakersfield, CA (in Kern county)
93390	Bakersfield, CA (in Kern county)
93501	Mojave, CA (in Kern county)
93502	Mojave, CA (in Kern county)
93504	California City, CA (in Kern county)
93505	California City, CA (in Kern county)
93512	Benton, CA (in Mono county)
93513	Big Pine, CA (in Inyo county)
93514	Bishop, CA (in Inyo county)
93515	Bishop, CA (in Inyo county)
93516	Boron, CA (in Kern county)
93517	Bridgeport, CA (in Mono county)
93518	Caliente, CA (in Kern county)
93519	Cantil, CA (in Kern county)
93522	Darwin, CA (in Inyo county)
93523	Edwards, CA (in Kern county)
93524	Edwards, CA (in Kern county)
93526	Independence, CA (in Inyo county)
93527	Inyokern, CA (in Kern county)
93528	Johannesburg, CA (in Kern county)
93529	June Lake, CA (in Mono county)
93530	Keeler, CA (in Inyo county)
93531	Keene, CA (in Kern county)
93541	Lee Vining, CA (in Mono county)
93542	Little Lake, CA (in Inyo county)
93545	Lone Pine, CA (in Inyo county)
93546	Mammoth Lakes, CA (in Mono county)

Code	Description
93549	Olancha, CA (in Inyo county)
93554	Randsburg, CA (in Kern county)
93555	Ridgecrest, CA (in Kern county)
93556	Ridgecrest, CA (in Kern county)
93558	Red Mountain, CA (in Kern county)
93560	Rosamond, CA (in Kern county)
93561	Tehachapi, CA (in Kern county)
93562	Trona, CA (in San Bernardino county)
93581	Tehachapi, CA (in Kern county)
93592	Trona, CA (in San Bernardino county)
93596	Boron, CA (in Kern county)
93603	Badger, CA (in Tulare county)
93615	Cutler, CA (in Tulare county)
93618	Dinuba, CA (in Tulare county)
93633	Kings Canyon National Pk, CA (in Tulare county)
93647	Orosi, CA (in Tulare county)
93666	Sultana, CA (in Tulare county)
93670	Yettem, CA (in Tulare county)
93673	Traver, CA (in Tulare county)

Appendix B - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

AGENDA

**Bakersfield College
Collins Conference Center
3:30 p.m.**

Advisory Meeting Community Health Worker/Patient Navigator Certificate

Introductions

Overview of Public Health Sciences Program

Need for Public Health Professionals

Community Health Worker/Patient Navigator Certificate Examples

Framework of the curriculum

What should be added?

What types of internships should be provided?

Next steps

Comments/questions

COMMUNITY HEALTH WORKER/PATIENT NAVIGATOR
ADVISORY MEETING MINUTES

February 23, 2017

The meeting was held at Bakersfield College Collins Conference Center at 3:30 p.m. on February 23, 2017

The following were in attendance:

Tammy Fisher, Health
Educator, Kern County Public
Health Services Department

Kimberly Hernandez,
Epidemiologist

Kern County Public Health
Services Department

Brynn Carrigan- Deputy Public
Health Director, Kern County Health
Department

Bill Phelps, Chief of Programs
Clinica Sierra Vista

Ana Velasquez, Assistant
Coordinator, Clinica Sierra Vista

Sarah Baron, Professor Bakersfield
College Public Health Sciences

Rozanne Hernandez, CTE Bakersfield

Beth Harrison, CTE Bakersfield
College

Dixie King, President Transforming Local
Communities

Cyndi Ozuna-Bomar, Healthcare Navigator
& Outreach Supervisor, Omni Family Health

Esmeralda Victoria, Program Specialist, Kern
County Superintendent of Schools

Erin Nixon, Career Technology Educator,
Kern County Superintendent of Schools

Kevin Truelson, Family Advocate, Kern
County Superintendent of Schools

Ralph Martinez, Director of Planning,
Research and Development at Community
Action Partnership of Kern (CAPK)

Alicia Dominguez and Alma

Esquivel, Community Health Initiative of Kern
County, Compromiso's Kern County

Promotora network, Dignity Health Mercy &
Memorial Hospitals

Sarah Baron called the meeting to order at 3:35 p.m and provided the following agenda. The group began with introductions in the room and through Zoom Conference Call. Sarah Baron presented a PPT which guided the meeting format.

Overview of Public Health Sciences Program – Sarah Baron provided a brief overview of the program with the recent Bakersfield Californian article about the new Associate Science Transfer Degree in Public Health Sciences. She showed pictures of the class in action and said that students are excited about this new AST Degree and pathway. However, there is a need to provide a certificate that will allow students to enter the workforce and provide an alternative for those not interested in pursuing a science focus. The goal of the meeting today was to discuss what are the needs for the community.

Need for Public Health Professionals- At this point Sarah Baron opened the meeting for discussion on what was needed for a Community Health Worker/Patient Navigator type positions. Sarah Baron stressed that this position has a broad context and included any outreach position such as a family advocate, outreach worker, public health aide, navigator, community liaison, and program specialist or assistant. Cyndi said they look for life experience and they need to be able to relate. Kevin states this is one job that will not be replaced by a computer and it is more customer service skills. How do you transfer what is in the book to real people is a real skill? This is Alma, who works with Promotoras is looking for community leaders and people who work with the community and can act as a liaison. People need to have an interest and commitment. Strong communication skills, facilitation skills, and community organization skills. Bill Phelps, having people who can work with different populations and cultural diversity and non-judgement attitude towards people. It is important to cover ethics and conflicts of interest and where their role is and where it ends and doesn't cross boundaries. Good communication skills and boundary setting. Dixie King, good facilitation skills are needed and they need to have certain skill set...it goes deeper than communication skills. Alma states you don't want to exclude anyone but also don't cross the boundary people you are serving.

Community Health Worker/Patient Navigator Certificate Examples- Sarah Baron shows examples of how other people are doing this across the United States. Sarah Baron described how she applied for the Innovation Awards to learn more about is the best approach. She presented the following and asked for feedback.

The Community Health Worker/Patient Navigator Certificate is in the planning stages. It is anticipated to be a two semester, 18-25 credit program which includes a work based internship. The courses that are specific to public health field. This job certificate is in the current planning stages. Below are draft student learning outcomes. Upon completion of the HN/HE Certificate, students will be able to:

1. Practice within the code of ethics for health educators/health navigators,
2. Utilize communication strategies that are responsive to the diversity of cultures, clients, community members and other professionals.
3. Implement health education plans to promote healthy behaviors, address health risks and reduce harm.
4. Work with clients to facilitate access to resources and increase the clients' ability to navigate the health care system

Bill Phelps and Ralph Martinez both thought they looked good. Bill Phelps, stated "It would be really nice to hire people who have this course work and this internship". It was also stressed, it is important to cover privacy and HIPPA requirements. Alma, stated this looks good and this aligns with what Federal Level and what they have been hearing is the focus across the United States. Sarah Baron said it would be great to align this to the promotora training too. Sarah Baron showed the Denver Model and how they use community colleges to build their careers.

Framework of the curriculum – Sarah Baron showed the curriculum proposed ideas and how this can also be CSU transferable and then asked community members to add to the following class suggestions.

Class Numbers	Description	Units
PBHS 20	Introduction to Public Health- provides overview of public health concepts	3
PBHS 21	Personal Health and Wellness – Provides health promotion and behavior overview	3
MEDS70	Introduction to Health Professions – Provides an overview of health professions and roles.	3
PBHS 22	Drugs Health and Society- Provides an overview of drug types, misuse and use issues and impact on community.	3
PBHS 23	Social Justice and Health – Examines health and social justice issues in community.	3
HEIT	Navigating Health Insurance – Provides an overview of health care system and documentation procedures.	3
	Cultural Anthropology and Communication Class or Business Office Skills Class	3
	Work-based internship- Capstone Project	2

The following question was posed to the group:

What should be added?

The community members suggested Cultural Anthropology and Communications. It was specifically requested that there be a class on case notes that meet a certain standard. Right now, it is very common to have outreach workers have different approaches and this can be problematic. The group stressed the need for privacy requirements, cultural diversity classes, business skills and data collection, understand outreach, cultural partners, access to health care, and social justice health, and how to deal with confrontation, safety concerns when in a community. Sarah Baron said she can embed components of these into the curriculum.

What types of internships should be provided?

The partners all agreed that field work needed to be embedded into the course work prior to an internship. That students needed to be matched appropriately and that it should be a capstone project. All community partners expressed interest in internships and the development of this certificate. It was also stressed that job development and support was essential. The students needed to be able to present their work and the experience gained in this certificate.

Next steps – Sarah Baron stated she would attend this conference and follow up with the San Joaquin Valley Partners.

COMMUNITY HEALTH WORKER/PATIENT NAVIGATOR
ADVISORY MEETING MINUTES

San Joaquin Valley Public Health Consortium Meeting Presentations
January 23rd and February 24th 2017

Sarah Baron presented about her background and her current position at Bakersfield College. They are developing a new Public Health degree, future certificates in public health, and she is looking for input on a Public Health Hackathon in March. Members were interested in participating in a focus group related to the certificate, especially the online option. Members could assist with the promotion of the event but could not provide sponsorship now. The members discussed an opportunity for public health educational collaboration and a way for public health departments to provide input into their curriculum for future workforce development.

In Person:

Van Do-Reynoso- Madera PH Director,

Kathleen Grassi- Merced PH Director,

Tammy Evans- San Joaquin PH Director,

Lori Williams- Stanislaus PH Director,

David Luchini- Fresno PH Assistant Director,

Donna DeRoo- Central California Center for Health and Human Services Assistant Director-
Fresno State,

Karen Elliot- Interim Tulare PH Director,

Ashley Hart.

On Phone: Keith Winkler- Kings PH Director, Dr. Alvaro Garza- San Joaquin PH Officer, Guest

Presenter: Sarah Baron, BC Professor via Zoom

Follow up with San Joaquin Valley Partnership Members:

On February 24th, Sarah Baron presented to Stephan Nathan from Merced County, Health Educator and Jeff Taber, Deputy Director of Kings County. Jeff Taber expressed interest in having Interns and discussed transportation. He also stressed the importance of having field work prior to the internship. He has seen students spend time and energy in course work and then discover in the internship it was not a good career match. Stephan Nathan suggested provided feedback on the Student Learning Outcomes and discussed connections to four-year transfer universities to continue educational opportunities.

Patient Navigator
July 10, 2017
Bakersfield College
9:00am

In attendance:

Sarah Baron	Bakersfield College
Stephanie Baltazar	Bakersfield College
Cyndi Ozuna Bomar	Omni Family Health
Esther Gonzalez	Omni Family Health
Sarah Brooks	KCSOS
Erin Nixon	KCSOS
Esmeralda Viceria	KCSOS
Sarah Harriga	KCSOS
Ana Rodriguez	Omni Family Health
Gladys Djeda	Omni Family Health
Carlos Bello	Kern Health Systems

Sarah called meeting at 9:05am and began with introductions. Provided overview of handouts

Review of Community Health Worker Meeting minutes

Marketing Material – signatures of photo release forms – this group only will see the preview of the flyer for PN program.

Review of Otero college program overview. Program similar to ours and other colleges moving towards programs across the United States. The importance of Navigators being first contact for patients.

Conversation shifted to focus group questions – review 5 questions together, then will break into small groups.

- What is a typical day of a navigator –
 - Begin with follow up calls and voicemails. Following up to make sure that patient is good with current insurance, or if they need anything. Typically new patients that had come to them.
 - Provide case management daily.
 - Emails, phone calls, prepping curriculum for school sites.
 - Review data, which health members are enrolled using services and provide case management.
 - Omni provided 231 outreach events last year. Looking into HIV testing when they go out and make appointments at the outreaches.
- Overall duties - Outreach activities, follow up with clients, serve as middle man. Review of data to assist patients
- What skills are really important?
 - Organizing data, time management skills, be aware of deadlines and meetings. Estimating time for projects and tasks. Be realistic on what you can accomplish.

- Omni – limited health education, but make the appointments and get the patients in. Cautious to walk fine line between education and nursing.
 - Exploration into outlets in alternative health options and care and are they partnered with the proper type of care.
- Overall – time management, knowing your role, directive to get primary doctor, bilingual, communication skills, resource connector, know when you are crossing over into providing medical advice, ability to collaborate, customer service skills, work under pressure, help the patients understand.
- What drew you to this path?
 - Working with community, like to help people, making sure that all people are provided for, loyalty of patients, building connections, prevention education, public health, helping quality of life, empowering patients.
- Why are PN important?
 - The process is so confusing, one stop shop, provide other public assistance related programs, saves money. Looking into ways of supporting patients including transportation. Highlights necessary services and fill needs in community that are missing, community needs assessment.
 - The primary purpose of the patient navigator is to ensure that a person has a primary care home.

Breakout to complete question

Photos

Closing – review of curriculum

Can we offer a CPR as required as part of the curriculum

Send digital copy of the curriculum overview