



2016-2018

Community Health Needs Assessment Implementation Plan



Introduction

UC Davis Medical Center, part of the UC Davis Health System, is a comprehensive academic medical center where clinical practice, teaching and research converge to advance human health. Centers of excellence include the National Cancer Institute-designated UC Davis Comprehensive Cancer Center; the region's only level I pediatric and adult trauma centers; the UC Davis MIND Institute, devoted to finding treatments and cures for neurodevelopmental disorders; and the UC Davis Children's Hospital. The medical center serves a 33-county, 65,000-square-mile area that stretches north to the Oregon border and east to Nevada. It further extends its reach through the award-winning telemedicine program, which gives remote, medically underserved communities throughout California unprecedented access to specialty and subspecialty care.

Background

As mandated by the Patient Protection and Affordable Care Act (ACA), all nonprofit hospitals must conduct a Community Health Needs Assessment (CHNA) every three years and adopt an implementation strategy to meet the community health needs identified through the CHNA. The final regulations on Section 501(r) of the Internal Revenue Code provide guidance to nonprofit hospitals to comply with the CHNA requirements. The CHNA must define the community served by the hospital, solicit input from broad interests of the community, assess the health needs of the community, prioritize those health needs and identify potential measures and resources available to address the health needs. To clarify the term "health needs," the final regulations expand the examples of health needs to include "not only the need to address financial and other barriers to care but also the need to prevent illness, to ensure adequate nutrition, or to address social, behavioral, and environmental factors that influence health in the community."

UC Davis Medical Center has a more than 20 year tradition of working with other local not-for-profit health systems to develop a collaborative CHNA process reflective of the greater Sacramento region. Together, the CHNA Collaborative represented 15 hospitals in the Sacramento Region. An outside firm, Valley Vision, conducted the CHNA and identified the most prevalent community health needs, and uncovered the underlying social determinants of health care. Both qualitative and quantitative research was applied to highlight key findings. These findings are contained in the companion document, UC Davis Medical Center 2016 Community Health Needs Assessment, and the report serves as the basis for this implementation plan.

Service Area Description/Determination

The UC Davis Medical Center (UCDMC) Hospital Service Area (HSA) is the 55 ZIP codes which make up Sacramento County, California. The HSA was determined by analyzing inpatient discharge data where it was determined that more than 60% of all inpatients were Sacramento County residents.

Summary of UC Davis Medical Center’s Community Health Needs Assessment (CHNA)

The objective of the 2016 CHNA was to provide UC Davis Medical Center with the following necessary information:

To identify and prioritize community health needs and identify resources available to address those health needs, with the goal of improving the health status of the community at large and for specific locations and/or populations experiencing health disparities.

In order to identify and prioritize significant health needs, the quantitative and qualitative data were synthesized and analyzed according to established criteria outlined in the 2016 CHNA. This included identifying eight potential health need categories based upon the needs identified in the previously conducted CHNA, the grouping of indicators in the Kaiser Permanente Community Commons Data Platform (CCDP), and a preliminary review of primary data. Indicators within these categories were flagged if they compared unfavorably to State benchmarks or demonstrated racial/ethnic disparities according to set of established criteria. Eight potential health needs were validated as significant health needs for the service area.

List of Prioritized Significant Health Needs

The following is a list of the eight significant health needs for the UCDCM HSA in prioritized order:

1. Access to Behavioral Health Services
2. Active Living and Healthy Eating
3. Access to High Quality Health Care and Services
4. Disease Prevention, Management and Treatment
5. Safe, Crime and Violence Free Communities
6. Basic Needs (Food Security, Housing, Economic Security, Education)
7. Affordable and Accessible Transportation
8. Pollution-Free Living and Work Environments

Focus Communities – Overview

Focus Communities were used to provide a place-based lens within the UC Davis Medical Center HSA that have the greatest concentration of health inequities resulting in poor health outcomes. The Focus Communities were defined using four components: 1) preliminary analysis of indicators of social determinants of health and inequities (e.g., poverty and educational attainment) at the ZIP code level, 2) census tract values from the Community Health Vulnerability Index, 3) initial input from area wide service providers and 4) consideration of ZIP codes that were identified as Focus Communities in the UCDCM 2013 CHNA (previously referred to as Communities of Concern). These inputs provided a unique perspective on social determinants within the HSA and were considered both separately and collectively when selecting Focus Communities.

Identified Focus Communities for the UCDMC HSA

<i>ZIP Code</i>	<i>Community/Area*</i>	<i>Population</i>
95660	North Highlands	32,835
95811	Downtown Sacramento	7,370
95814	Downtown Sacramento	9,802
95815	North Sacramento	25,627
95817	Oak Park	14,377
95820	Tahoe Park	33,967
95821	North Watt/Marconi Area	33,190
95822	Sac Executive Airport	43,024
95823	Fruitridge	74,154
95824	Parkway South Sacramento	29,344
95828	Florin	60,993
95832	South Meadowview	12,051
95838	Del Paso Heights	35,584
95841	Madison Ave/Auburn Blvd	18,612
95842	Foothill Farms	31,689
Total Population in the Focus Communities		462,619
Total Population in the HSA		1,435,207
Percent of the HSA in the Focus Communities		32%

* ZIP code and community area name is approximate; Source: US Census, 2013

Criteria Determining the Significant Health Needs to be Addressed

As a public research university and academic medical center, UC Davis has a mission to serve the community at-large, the residents of California and the nation. Governed by the Board of Regents of the University of California, UC Davis Medical Center is a steward of the public trust. Therefore, in assessing and prioritizing the health needs of the community, UC Davis is obligated to take a broad, societal view

that incorporates public health goals into its planning process. UC Davis Medical Center examined the significant health needs and applied the following criteria to identify the health needs to be addressed:

1. Ability to address broadly the social determinants of health and equitable delivery of health care
2. Commitment to teaching and research missions
3. Organizational capacity
4. Community role as a safety net provider
5. Acknowledged competencies and expertise
6. Ability to leverage established relationships, existing programs, services, and resources

The mission, strategic initiatives, and community input further determined the significant health needs to be addressed and upon which the implementation plan is built. UC Davis Medical Center evaluated each of the eight significant health needs within the Medical Center service area and concluded that key issues could be organized thematically, by addressing five of the eight areas, with an emphasis on the identified focus communities. The plan is detailed below.

CHNA Implementation Plan Priority Needs and Specific Areas to Address

For each significant health need UC Davis Medical Center plans to address, the objectives are listed along with each strategy describing the key programs and collaborations it plans to commit.

Significant Need #1 - Access to Behavioral Health Services

Areas to Address

- Mental Health

Objectives

- Increase utilization of outpatient behavioral health services and programs
- Increase education of community members regarding behavioral health issues
- Expand the education of health care providers regarding behavioral health

Key programs/Collaborations

UC Davis Medical Center will provide support and/or resources to the following initiatives to address access to behavioral health services:

- Interim Care Program (ICP)
- Bender Court Crisis Residential program
- UC Davis Early Psychosis Program (EDAPT and SacEDAPT)
- Behavioral Health Center of Excellence programs
- Support of Mental Health Patient Navigators
- Fostering Secure Placements for Traumatized Children in Transition project
- Support of physician residencies in behavioral health
- Work with local nonprofits addressing mental health issues
- Support expanded behavioral health continuing education programs for health care providers
- Research surrounding behavioral health

- Provide employee volunteers at local behavioral health community based organizations

Significant Need #2 – Active Living and Healthy Eating

Areas to Address

- Access to healthy foods
- Increasing physical activity

Objectives

- Promote availability and access to healthy food choices
- Increase healthy eating habits among children
- Increase physical activity among children and their families

Key programs/Collaborations

UC Davis Medical Center will provide support and/or resources to the following initiatives to address active living and healthy eating:

- Educational programs addressing food literacy
- Support of farmers markets and/or farm stands
- Community garden support
- UC Davis dietician outreach and education work in the community
- Assistance to local nonprofit organizations addressing food insecurity and active living
- Research surrounding active living and healthy eating
- Provide employee volunteers at local community based organizations

Significant Need #3 – Access to High Quality Health Care and Services

Areas to Address

- Patient navigation
- Referrals to care

Objectives

- Assist with referrals to care
- Provide increased access to care through community based efforts
- Increase education of community members regarding access to care

Key programs/Collaborations

UC Davis Medical Center will provide support and/or resources to the following initiatives to address access to high quality health care and services:

- Provide patient navigation services in the emergency department
- Support local organizations addressing access issues
- SPIRIT program support
- Support of community health clinics

- Support of programs training physicians and other health care providers
- Research surrounding access to care issues
- Provide employee volunteers at local community based organizations

Significant Need #4 – Disease Prevention, Management and Treatment

Areas to Address

- Diabetes
- Cancer
- Asthma

Objectives

- Partner with community organizations to promote healthy lifestyles
- Provide educational resources to high-risk populations
- Increase knowledge of community members of cancer, asthma and diabetes screenings
- Provide resources to patients experiencing cancer-related illnesses

Key programs/Collaborations

UC Davis Medical Center will provide support and/or resources to the following initiatives to address disease prevention, management and treatment for diabetes, cancer and asthma:

- UC Davis Comprehensive Cancer Center initiatives, such as the Peer Navigator and Pushing Past Cancer programs
- UC Davis Kidney and Pancreas Transplant program
- UC Davis dietician outreach work with diabetes organizations
- Support for local cancer, asthma and diabetes nonprofit organizations
- Health management and education programs for community members
- Cancer clinical trials and research
- Support of programs training physicians and other health care providers in disease prevention, management and treatment
- Provide employee volunteers at local community based organizations

Significant Need #5 – Safe, Crime and Violence Free Communities

Area to Address

- Child trauma prevention

Objectives

- Increase the prevention of childhood injuries through community education
- Increase the use of safety equipment (helmets, car seats, life jackets) for children

Key programs/Collaborations

UC Davis Medical Center will provide support and/or resources to the following initiatives to address safe, crime and violence free communities:

- UC Davis Trauma Prevention programs, such as the Kohl's Buckle up for Safety program
- Education of students in local K-12 schools
- Support of programs training physicians and other health care providers regarding childhood trauma
- Research surrounding child trauma issues
- Provide employee volunteers at local community based organizations

Issues Not Being Addressed and Why

UC Davis Medical Center acknowledges the vast number of health needs that emerged from the CHNA process. UC Davis Medical Center chose to address those areas where it could most effectively use its knowledge and resources to most effectively make an impact. For the three areas not being addressed - Basic Needs (Food Security, Housing, Economic Security, Education); Affordable and Accessible Transportation; and Pollution-Free Living and Work Environments – it was determined that addressing those needs were best served by others in the community who have the expertise, capacity, and adequate resources. Accordingly, UC Davis Medical Center will continue to support strong partners in the community to effectively address those needs.

Additional Investments That Address Community Health Needs

UC Davis Medical Center is continually working to address health needs that impact the community through a variety of means. Such activities include:

Charity and Uncompensated Care – UC Davis Medical Center and its faculty physician practice group have long provided the majority of the Sacramento region's unreimbursed and charity care for patients who are unable to pay, or unable to fully pay, for their health care. Historically, UC Davis has provided almost 60 percent of region's indigent care, while serving only 13 percent of the region's patient population.

Community Financial Support – UC Davis Medical Center has a formal sponsorship process in place to accept, review and award funding to local nonprofit organizations that meet the institution's criteria. In recent years, more than 200 organizations have benefited from the medical center's commitment to the nonprofit sector, with more than \$500,000 in direct financial support underwriting health and social service programs.

Culture, Ethnicity and Diversity – The UC Davis Medical Center Medical Interpreting Services department provides assistance in 16 languages, including American Sign Language, as well as written translation in five languages. This dedication helps bridge the cultural divide for patients and families, offering culturally and linguistically appropriate translations of complex medical conditions and health care decisions.

Economic Development – Individuals and families living above the federal poverty level is a key indicator of community health status. As an engine of prosperity fueling the economies of the

Sacramento region and Northern California, UC Davis Medical Center generates thousands of jobs in the region.

Education – Educational attainment is key indicator of community health status. UC Davis Medical Center leads, partners and promotes a wide variety of educational programs, including residency programs and outreach to K-12 and college students.

Employee, Faculty and Student Engagement – Employees participate annually in direct service to the community by donating time, goods and professional services to nonprofit organizations such as local food banks, foster youth programs, schools, shelters for the homeless and victims of domestic violence.

Research – With more than 1,000 basic, translational and clinical studies underway, UC Davis Medical Center is actively exploring the underlying causes of disease and illness, including the socioeconomic factors that influence conditions. With more than \$225 million in external research funding, the UC Davis Center for Reducing Health Disparities, UC Davis Institute for Population Health Improvement, UC Davis MIND Institute, UC Davis Comprehensive Cancer Center, UC Davis Institute for Regenerative Cures and others are all leaders in research to help improve lives and transform health care.

Next Steps

As an academic medical center and research institution, the organization is fundamentally committed to evaluation of results. Continuous review of the CHNA implementation plan is a process that is active between the statutorily mandated three-year reporting periods. The implementation strategy is linked to the annual budget cycle, allowing for adaptation and course correction every 12 months. For each of the focus areas, UC Davis Medical Center will work closely with community partners to strengthen existing services and – where gaps exist – identify new collaborative initiatives to better serve targeted populations with priority health needs within defined communities of concern. As needed, internal committees and external advisory boards will be engaged in the implementation effort.