

## Angela C. Dunn, MD, MPH

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### EXPERIENCE

**Director, Investigate & Respond Division, Office of Public Health Data, Surveillance, & Technology** Mar 2024 - Current  
Centers for Disease Control and Prevention, Atlanta GA (remote) 40 hrs / week

- Oversee multi-disciplinary division of 20 FTEs and 150 contractors and a budget of \$60 million
- Direct product strategy to ensure frontline public health agencies receive quality, timely data
- Create and implement Division vision and strategy to reduce manual burden of data systems across all public health agencies

**Medical Director** Mar 2024 – Current  
Salt Lake County Health Department, Salt Lake City, UT 1 hr / week

- Review and sign standing order for public health nurses and clinical operations
- Consult on outbreak response and public health mitigation
- Advise Executive Director on matters requiring medical expertise

**Executive Director / Medical Director / Health Officer** Jun 2021 – Mar 2024  
Salt Lake County Health Department, Salt Lake City, UT 40 hrs / week

- Oversee local public health services to a diverse population of over 1.2 million residents
- Direct health department's vision and mission implementation to promote and protect community and environmental health through equitable access to resources, services, and opportunities
- Oversee approximately 500 staff and \$50 million budget comprised of grants, fees, and county-funds

**Executive Board Member** Jun 2019-current

**Vice-President, Jul 2023- current** 5 hrs / week

**President, Jun 2022-Jun 2023** 5 hrs / week

**Chair, Chronic Disease, Maternal Child Health, and Oral Health Committee Jun 2019-2022** 5 hrs / week

Council of State and Territorial Epidemiologists (CSTE), Atlanta, GA

- Identify organizational priorities and develop tactics to achieve priority goals
- Develop and execute strategic plans to address key infectious and non-infectious public health issues
- Build and enhance collaboration among peers and partner organizations nationwide
- Strengthen applied epidemiology workforce at the state and local levels
- Provide subject matter expertise to policymakers and federal partners

**State Epidemiologist** Jan 2018-Jun 2021

Utah Department of Health (UDOH), Salt Lake City, UT 40 hrs/ week

- Medical director and lead epidemiologist for the Bureau of Epidemiology, assisting in outbreak investigation and control, scientific writing, strategic planning and execution
- Medical director for the Bureau of Health Promotion, focusing on community-based interventions and using clinical data for public health surveillance of chronic diseases
- Responsible for written and oral communication with general public, news media, healthcare providers, and non-health partners
- Provide expert testimony to state legislature
- Utah Epidemiology Lead for the CDC Epidemiology and Laboratory Capacity Grant
- Founding member of Utah Lieutenant Governor's COVID-19 Task Force, a multi-sector advisory council to respond to the pandemic
- Member of the Governor's Unified Command Leadership Team related to the COVID-19 response
- Vice-chair of the statewide Utah Coalition for Opioid Overdose Prevention, an advisory council using the collective impact model
- Medical director of the UDOH Opioid Crisis Response
- Supervisor for post-doctoral fellows (epidemiology, medicine, economics, informatics) placed at UDOH
- Chair, UDOH Population Health Steering Committee, leading integration of public health and clinical medicine to improve health of Utah's population and subpopulations
- Interim manager, Breast and Cervical Cancer Program (Sep 2018-Feb 2019)

**Adjunct Assistant Professor**

Jul 2017-current

Department of Family and Preventive Medicine  
University of Utah, Salt Lake City, UT

- Mentor for Utah Area Health Education Centers (AHEC) scholars, a 2-year program for health professions students interested in addressing underserved urban and rural health needs in a transformed health system
- Lecture bachelor- and doctoral-level courses on subjects such as public health, epidemiology, and population health
- Serve on dissertation committees of PhD candidates in bioinformatics, population health, and public health
- Advisor on NIH grants related to public/population health

**Deputy State Epidemiologist**

Jul 2016-Jan 2018

Utah Department of Health, Salt Lake City, UT

40 hrs/ week

- Medical director of clinical data exchange initiative among public health and health care systems to develop a comprehensive statewide chronic disease surveillance program
- Adapt Utah's community health information exchange data collection, analysis, and display to improve clinical outcomes and public health disease surveillance
- Develop EHR dashboard of physician clinical quality metrics and patient socioeconomic/demographic characteristics for clinical quality improvement
- Member, American College of Preventive Medicine Diabetes Prevention Council, advising outpatient clinicians on improving pre-diabetes detection and treatment through enhanced EHR use

**Epidemic Intelligence Service Officer**

Jul 2014-Jul 2016

Centers for Disease Control and Prevention (CDC), Utah Department of Health, Salt Lake City, UT

40 hrs/ week

- Lead team of public health experts and community stakeholders to investigate and control infectious disease outbreaks such as Campylobacter, Measles, Hepatitis C, and Healthcare-Associated Infections
- Determine factors related to Utah's access to health care, identify those with poor access, and develop and implement interventions to improve access
- Teach undergraduate and graduate level public health courses on infectious disease epidemiology and outbreak response
- Mentor epidemiologists through study design, institutional review board (IRB), and manuscript writing processes
- Lead Population Health Reading Group with public health, university, and health care system partners
- Develop curriculum of CDC Population Health Course

**Clinical Informatics Subject Matter Expert**

May 2016-Nov 2016

Cognitive Medical Systems, San Diego, CA

10 hrs / week

- Provide original expertise, insight, and content to white papers describing what would go into HL7 standards documentation to reach Draft Standard for Trial Use (DSTU) for new and existing Service Oriented Architecture (SOA) standards
- Work with systems architects and clinical decision support engineers to model clinical requirements and knowledge
- Co-develop architecture and service specifications that leverage clinical knowledge and patient data to address sophisticated clinical decision support use cases

**Population Health Subject Matter Expert, Leadership for High Value Care**

May 2015-Sep 2015

Advance Practice Strategies, Boston, MA

10 hrs / week

- Develop curricular content for accountable care organizations and risk-bearing providers
- Provide clinicians with knowledge and skills to manage patient panels, coordinate care, and collaborate within teams

**Ebola Field Epidemiologist, CDC Ebola Response Team**

Oct 2014-May 2015

Infection Prevention and Control, Sierra Leone

40 hrs/ week

- Led Ebola infection prevention and control (IPC) efforts in the Sierra Leonean district of Tonkolili
- Collaborated with local non-governmental organizations and the Sierra Leone Ministry of Health and Sanitation
- Developed and implemented IPC training for health workers, ambulance drivers, burial teams, and case investigators
- Developed Ebola surveillance strategy and infrastructure for Tonkolili
- Investigated and controlled nosocomial Ebola outbreak in a Tonkolili general hospital

**Land Border Team, Division of Global Migration and Quarantine**

- Developed cross-border Ebola surveillance system among Guinea, Sierra Leone, and Liberia
- Collaborated with stakeholders from the three most affected West African countries, international non-governmental organizations, and international governmental organizations
- Achieved implementation and sustainability of cross-border Ebola surveillance that can serve as general communicable disease surveillance after control of the Ebola outbreak

**Medical Director, Meaningful Use Implementation**

Jan 2014-Jul 2014

Linda Vista Health Care Center, San Diego, CA

20 hrs / week

- Worked with seven primary care clinicians to meet Meaningful Use target measures
- Created measure reports for individual clinicians with benchmark measures
- Identified best practices and barriers to achieving target measures
- Made recommendations on how each individual clinician and the health care center as a whole can meet the target measures efficiently
- Implemented changes in care team structure and roles, and electronic health record use to ensure all clinicians met their Meaningful Use requirements

**Clinical Director, Integrated Health Community Initiative**

Sep 2011–Jan 2014

Naval Medical Center San Diego (NMCS D) San Diego, CA

40 hrs/ week

- A \$1.5 million initiative aimed at closing the gap between clinical services and the social needs of approximately 425,000 military beneficiaries in San Diego County, including two major hospitals and thirteen community clinics
- Led a five-person team to identify a high complexity population of over 300 patients
- Trained and managed 15 case managers and 18 care navigators on how to develop and direct the health plan of the high complexity population
- Developed key metrics of the initiative and assisted in building robust patient scorecard that is used by primary care clinics
- Conducted health and social services inventory of all local military facilities
- Developed content of military health and social services web portal and search engine to be used by health care providers and patients to connect to appropriate and convenient community resources
- Integrated new personnel and tools into the primary care medical homes; identified areas needing improvement; developed and implemented strategies to overcome barriers

**Project Manager, Quality Improvement**

Jun 2012

UCSD Community Health Fair, San Diego, CA

10 hrs / week

- Developed framework for evaluating the effectiveness, timeliness, and efficiency of the community health fair
- Oversaw ten undergraduate students implementing the evaluation
- Collated results, identified improvement areas, developed and implemented interventions to address problems
- Resulted in improved patient flow, decreased patient wait times, and increased patient and provider satisfaction

**Assistant Clinical Lead, Saving Mothers Giving Life**

2011-2012

Global Health Initiative, SDSU, San Diego, CA

5 hrs / week

- Developed framework for intervention to reduce maternal mortality by 50% in resource-limited Karabole, Uganda, by focusing on the most vulnerable period – labor and delivery and the first 24 hours postpartum
- Identified opportunities for interagency collaboration among the DOD, CDC, USAID, and other US agencies participating in the initiative

**Medical Education Lead, Refugee Health Assessment Program**

Fall 2011

UCSD, San Diego, CA

20 hrs / week

- Developed and implemented a health education curriculum for recent refugee arrivals from Iraq, Somalia, and Burma
- Coordinated and supervised four teachers of the weekly curriculum
- Resulted in improved understanding of the U.S. health care system, more appropriate use of health care, and increased access of primary care services by refugees

**Policy Evaluation Lead, Teen Access to Confidential Medical Services**

Fall 2011

National Center for Youth Law, Oakland, CA

10 hrs / week

- Evaluated San Diego County public high schools' adherence to and implementation of California law affecting teen access to confidential medical services
- Consulted on policy development to improve teen access to confidential medical services
- Resulted in passing of California Senate Bill 138 (2013) which allows individuals with health insurance under another person's policy to submit a "confidential communications request" to their insurer

**Project Manager, HealthSpark**

2004-2006

UMMSM, Miami, FL

40 hrs / week

- Managed a nine-person research team to carry out the evaluation of 51 federally subsidized child care centers, including approximately 2000 preschool children living in 2 underserved neighborhoods (1 rural, 1 urban)

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- Developed and implemented a framework to support each center's effort to meet National Institute of Health guidelines to be an "asthma-friendly" child care center
- Tested the effectiveness of translating best-practices to an ethnically-diverse, underserved population of preschool children
- Resulted in improved understanding of asthma needs in the 2 neighborhoods and improved asthma medication knowledge and administration at the child care centers

#### CLINICAL EXPERIENCE

<b>Primary Care and Women's Health Physician</b> Linda Vista Health Care Center, San Diego, CA	2013-2014 10 hrs / week
<b>Attending Physician</b> Refugee Health Assessment Program, UCSD, San Diego, CA	2013-2014 10 hrs / week
<b>Tuberculosis Physician</b> Tuberculosis Control Program, County of San Diego, San Diego, CA	2013-2014 10 hrs / week
<b>Sexually Transmitted Disease Physician</b> Sexually Transmitted Disease Clinic, County of San Diego, San Diego, CA	2013-2014 10 hrs / week

#### RESIDENCY / FELLOWSHIP

<b>Epidemic Intelligence Service (EIS) Officer</b> Centers for Disease Control and Prevention (CDC) Utah Department of Health, Salt Lake City, UT	2014-2016
<b>General Preventive Medicine and Public Health Residency</b> University of California San Diego (UCSD), San Diego, CA	2011-2013
<b>Obstetrics and Gynecology Internship</b> Cedars-Sinai Medical Center, Los Angeles, CA	2010-2011

#### EDUCATION

<b>AMIA 10x10 Course: Information Exchange for Population Health</b> Indiana University-Purdue University Indianapolis (on-line distance learning)	Spring 2016
<b>Master of Public Health, Epidemiology</b> San Diego State University Graduate School of Public Health (SDSU), San Diego, CA	2013
<b>Doctorate of Medicine with Research Distinction</b> University of Miami Miller School of Medicine (UMMSM), Miami, FL	2010
<b>Post-baccalaureate in Premedical Sciences</b> University of Miami, Miami, FL	2005
<b>Bachelor of Arts, International Relations: Political Economy and Development</b> Brown University, Providence, RI Varsity Volleyball	2003

#### SELECT PUBLICATIONS

Lopez AS, Hill M, Antezano J, **Dunn A**, et al. Transmission Dynamics of COVID-19 Outbreaks Associated with Child Care Facilities - Salt Lake City, Utah, April-July 2020. *MMWR Morb Mortal Wkly Rep.* 2020;69(37):1319-1323. Published 2020 Sep 18. doi:10.15585/mmwr.mm6937e3.

Lewis NM, Friedrichs M, Wagstaff S, Sage K, LaCross N, Bui D, McCaffrey K, Barbeau B, George A, Rose C, Willardson S, Carter A, Smoot C, Nakashima A, **Dunn A**. Disparities in COVID-19 Incidence, Hospitalizations, and Testing, by Area-

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Level Deprivation - Utah, March 3-July 9, 2020. *MMWR Morb Mortal Wkly Rep.* 2020 Sep 25;69(38):1369-1373. doi: 10.15585/mmwr.mm6938a4.

Nathaniel M Lewis, PhD, **MD Angela C Dunn**, et al. Household Transmission of SARS-CoV-2 in the United States, *Clinical Infectious Diseases*, 2020 Aug 16: cia1166. <https://doi.org/10.1093/cid/ciaa1166>.

Sharareh N, Hess R, White S, **Dunn A**, Singer PM, Cochran J. A vulnerability assessment for the HCV infections associated with injection drug use. *Prev Med.* 2020 May;134:106040. doi: 10.1016/j.ypmed.2020.106040. Epub 2020 Feb 22.

Grafe CJ, Horth RZ, Clayton N, **Dunn A**, Forsythe N. How to Classify Super-Utilizers: A Methodological Review of Super-Utilizer Criteria Applied to the Utah Medicaid Population, 2016-2017. *Popul Health Manag.* 2020 Apr;23(2):165-173. doi: 10.1089/pop.2019.0076. Epub 2019 Aug 19.

Horth RZ, Wagstaff S, Jeppson T, Patel V, McClellan J, Bissonette N, Friedrichs M, **Dunn AC**. Use of electronic health records from a statewide health information exchange to support public health surveillance of diabetes and hypertension. *BMC Public Health.* 2019 Aug 14;19(1):1106. doi: 10.1186/s12889-019-7367-z.

Blagev DP, Harris D, **Dunn AC**, et al. Clinical presentation, treatment, and short-term outcomes of lung injury associated with e-cigarettes or vaping: a prospective observational cohort study. *Lancet.* 2019 Dec 7;394(10214):2073-2083. doi: 10.1016/S0140-6736(19)32679-0. Epub 2019 Nov 8.

Peterson D, Barbeau B, McCaffrey K, Gruninger R, Eason J, Burnett C, **Dunn A**, et al. Human Rabies - Utah, 2018. *MMWR Morb Mortal Wkly Rep.* 2020 Feb 7;69(5):121-124. doi: 10.15585/mmwr.mm6905a1.

Krow-Lucal ER, Novosad SA, **Dunn AC**, et al. "Zika Virus Infection in Patient with No Known Risk Factors, Utah, USA, 2016," *Emerg Infect Dis.* 2017 Aug; 23(8): 1260-1267.

Watson J, Carlile J, **Dunn A**, et al. "Increased Gonorrhoea Cases – Utah, 2009-2014," *MMWR Morb Mortal Wkly Rep.* 2016 Sep 2; 65(34): 889-93

Davis KR, **Dunn AC**, Burnett C. "Campylobacter jejuni Infections Associated with Raw Milk Consumption – Utah, 2014," *MMWR Morb Mortal Wkly Rep* 2016; 65: 301-305.

**Dunn AC**, Walker TL, Redd J, et al. "Nosocomial transmission of Ebola virus disease on pediatric and maternity wards: Bombali and Tonkolili, Sierra Leone, 2014," *Am J Infect Control* 2015 Oct 30.

Casey ML, Nguyen DT, Idriss B, Bennett S, **Dunn A**, Martin S. "Potential Exposure to Ebola Virus from Body Fluids due to Ambulance Compartment Permeability in Sierra Leone," *Prehosp Disaster Med* 2015 Oct 28: 1-3.

**Dunn AC**, Black, CL, Arnold, J, Brodine, S, Waalen, J, & Binkin, N. "Childhood Vaccination Coverage Rates Among Military Dependents in the United States," *Pediatrics*, 2015 May; 135(5).

## RECENT PRESENTATIONS & MEDIA

<b>Utah COVID-19 Press Conference</b>	Feb 2020-current
Weekly media events to provide COVID-19 updates and take questions from members of the media	
<b>Utah COVID-19 Campaigns</b>	Feb 2020-current
Develop strategy and provide content oversight to websites, social media, news media, and print initiatives	
<b>COVID-19 Keynote Addresses</b>	Feb 2020-current
Develop and deliver keynote addresses using unique and relevant content to audiences including:	
<ul style="list-style-type: none"><li>• University of Utah Health System</li><li>• Intermountain Healthcare</li><li>• WCF Insurance</li><li>• Utah Conference on Safety and Industrial Hygiene</li><li>• Utah State Legislature</li></ul>	

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- Silicon Slopes Town Hall

**Bachelor- and PhD- level public health classes**

Aug 2014- current

Topics include: population health, outbreak response, and introduction to epidemiology

**Various scientific presentations on applied public health**

Aug 2014-current

Conferences include:

- CDC Epidemic Intelligence Service Conference
- Council for State and Territorial Epidemiologists Annual Conference
- Utah Public Health Association Annual Conference

**TEDx Salt Lake City, Speaker**

Sep 2020

How the COVID-19 pandemic has magnified health disparities that impact all populations, and what we can do about it

**AWARDS AND HONORS**

**Daughters of the American Revolution Distinguished Citizen Medal**

2021

Awarded by Uintah Chapter for service, leadership, patriotism, and courage

**Salt Lake NAACP Civil Right Worker of the Year**

2021

Honored for focus on most under-resourced communities throughout COVID-19 response

**Sundance Women's Leadership Celebration Honoree**

2020

Recognized for leading Utah through the COVID-19 pandemic

**Westminster's 2021 MLK Unsung Hero Award**

2020

Community Leader Award for commitment to promoting a diverse and inclusive community

**2020 Communicator of the Year, Public Relations Society of America, Greater Salt Lake Chapter**

2020

For excellence in communicating about the Covid-19 pandemic

**Extraordinary Woman Award, YWCA Utah**

2020

For rising to the challenges of 2020 by using their expertise, commitment, and compassion to lead the way in these extraordinary times

**Outstanding Poster Presentation Award**

2015

Award for best poster presentation at conference; CDC EIS Conference, Atlanta, GA

**Fred H. Bixby Scholar in Overpopulation and Public Health**

2011

To reduce maternal mortality rates in Karabole, Uganda; SDSU

**Research Distinction**

2010

For work in researching Haitian-American disparities in cervical-cancer screening and treatment; UMMSM

**LANGUAGES**

- Spanish

**SKILLS**

- Research proposal and grant writing, protocol execution, clinical informatics, program planning, program monitoring and evaluation, epidemiological methods, biostatistical methods, population health management, outbreak investigation and control, chronic disease epidemiology, infectious disease epidemiology
- Strategic planning development and execution, advisory board/council development, multi-sector/cross-functional collaboration
- MS Office
- SPSS, SAS, Epi Info

**PROFESSIONAL AFFILIATIONS**

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- American College of Preventive Medicine
- American Public Health Association
- Council of State and Territorial Epidemiologists
- Utah Public Health Association

**WRITING / SPEAKING SAMPLES**

- <https://www.goodrx.com/blog/author/angela-dunn/>
- [TEDx Salt Lake City](#)
- [Stories from the Field](#)