

7:30 – 8:30	Registration/Continental Breakfast in Atrium, CU South Denver	
8:30 – 3:30	Exhibitor Showcase Open in Atrium	
8:30 – 9:45	CPHA President’s Welcome followed by Keynote Speaker in Great Hall	
	Great Hall	CUSD - Room 205
10:00 – 10:50	<p style="text-align: center;">Breakout 1 - Data Sharing</p> <p style="text-align: center;">Colorado Equity Compass: How to use a data storytelling platform to achieve health equity</p> <p>Presenters: Jennifer Newcomer & Annie Guo VanDan</p> <p>The Colorado Equity Compass Collaborative, comprised of The Colorado Trust, Shift Research Lab, and Change Matrix, was formed in 2019 to address social determinants of health in Colorado’s communities. The Collaborative is developing an open data platform of Colorado-focused, community-level health equity indicators that brings to life the experiences of residents in communities experiencing inequities. Four Colorado communities have been selected as pilot sites to provide input and direction for the platform. In this presentation, learn about how each site is engaging their community and how they are determining the focus areas for their data (e.g. built environment, mental health, healthy housing, life expectancy). Hear how the communities including Larimer County and Denver’s Colfax Neighborhood are identifying the best practices for data collection, data governance and data sharing.</p> <p style="text-align: center;"><i>Followed by</i></p> <p style="text-align: center;">Data State of Mind -- Improving Data Literacy Across Sectors to Inform Public Health in Colorado</p> <p>Presenters: Shaina Riciputi, M.S., Sharon Liu, M.P.S., & Jeffrey Proctor, M.B.A.</p> <p>In a 2018 needs assessment, the Colorado State Epidemiology Outcomes Workgroup (SEOW) identified data literacy as an area of high community need, with respondents raising issues surrounding knowledge of how to access, understand, and use datasets, especially those with locally-relevant information. To address this knowledge gap, the SEOW has worked with the Southwest Prevention Center to develop a manual targeted across multiple disciplines and sectors that would guide and promote community-level data literacy. The manual aims to build the capacity of local communities to identify, collect, analyze, interpret, and disseminate behavioral and public health data to support data-driven decision-making. The ability to engage with data from multiple sectors can help inform mutually beneficial work, especially in high-need communities where workers often need to fill multiple professional roles. By empowering individuals with the ability to find and use existing data, as well as identify, collect, and analyze their own data, the SEOW aims to strengthen their capacity to illustrate health inequities and direct efforts to close health gaps. We hope to improve data practices across multiple behavioral and public health</p>	<p style="text-align: center;">Breakout 2 - Early Childhood</p> <p style="text-align: center;">Addressing the Racial Disparity in Infant Mortality</p> <p>Presenters: Megan Kalata, Zainab Zullali, & Kathryn Kalata</p> <p>Infants born to African American women are three times more likely to die before their first birthday than infants born to women of other races. While this is true nationwide, the disparity is particularly striking in Colorado. Previous quantitative efforts to understand this healthcare disparity have found that it cannot wholly be attributed to income or education. The purpose of the "Addressing Infant Mortality" (AIM) community based participatory research effort is to understand causes of the racial disparity directly from women who are affected to understand how best to approach addressing the disparity. This presentation will focus on addressing health equity from a community partnership lens. Specifically, we will discuss the process this particular collaboration underwent, the successes and failures in approaching this collaboration, and the necessity of community-based work in all spheres of health.</p> <p style="text-align: center;"><i>Followed by</i></p> <p style="text-align: center;">Meaningful Measurement: Identifying Indicators to Measure Need and Progress in Early Childhood Systems</p> <p>Presenters: Heather Matthews MS, RN, Kristina Heyl & Carsten Baumann, MA</p> <p>The early experiences of children, prenatal to five, have been shown to impact lifelong health. Ensuring that communities and families can provide resources and environments to support families with young children is an important public health priority. The Early Childhood Leadership Commission (ECLC) is Colorado’s statutorily recognized state advisory council for early childhood and a statewide leader, subject matter expert and champion of best and promising practices. In 2018, the ECLC sought to build from Colorado’s Early Childhood Colorado Framework to unite the early childhood community around priorities that could be readily communicated and represent the areas most ready for implementation and continued investment. The ECLC developed three Areas of Opportunity:</p> <ul style="list-style-type: none"> • Improve access to high quality early care and education for all families. • Elevate the early childhood workforce to ensure coordinated career pathways and appropriate compensation. • Support improved family health and economic security through a Two-Generation approach. <p>After identifying the Areas of Opportunity, the ECLC committed to collaboratively identifying indicators to track progress over the next four years. This task was entrusted to the ECLC Data Subcommittee, composed of partners across education, health, family support, academia, and philanthropy. In our presentation, we will provide background on early childhood development and its relationship to health equity. We will share the</p>

	<p>sectors and levels -- from state agencies down to county- and city-level municipalities -- to empower individuals to create positive change in the communities that behavioral and public health workers serve.</p>	<p>steps taken in the collaborative process to identify outcomes and then indicators for each of the priority areas, incorporating tenets of Results Based Accountability. We will show how the Data Subcommittee overcame specific challenges, particularly related to measurement of Two Generation approaches and family health. We will share the indicators selected and the data gaps identified in the process. Finally, we will share next steps in ECLC data efforts.</p>
<p>11:00 – 11:50</p>	<p style="text-align: center;">Breakout 3</p> <p style="text-align: center;">Colorado Population and Economic Forecasts Presenter: Cindy DeGroen</p> <p>This session will offer attendees the opportunity to learn about the most current population and economic conditions and forecasts for the state and its regions. This session will discuss the data and information and implications for planning, policy, business, and public services.</p>	<p style="text-align: center;">Breakout 4</p> <p style="text-align: center;">Exploring Twitter chatter for Transgender health information Tweet Presenters: Andrey Soares, PhD, Brad Morse, PhD, Brooke Dorsey Holliman, PhD, Kristen Desanto, MSLS, Bethany Kwan, PhD, Rita Lee, MD & Lisa Schilling, MD</p> <p>Patient-centered research that engages and includes collaboration with relevant communities and patients is key for understanding perspectives, values, and the prioritization of outcomes. Social media use provides insights into community concerns, interests, and priorities that are often not well recognized by the research or medical community. Investigating tweets enables researchers to initiate community engagement better prepared and familiar with current issues. This presentation describes a methodology allowing researchers to learn about topics discussed within predefined communities on Twitter. Using the twitterscraper package, researchers sweep the Twitterverse for relevant hashtags, and key words within individual tweets, to identify relevant posts. Data is then cleaned and organized by hashtag, or combinations of multiple hashtags, and keywords. High-level themes are generated to attain insights on the population and used as a resource to share with engaged partners, allowing confirmation or dismissal of perceived relevant current topics. Insight is also gleaned through data visualization of Twitter user networks and communication patterns.</p> <p style="text-align: center;"><i>Followed by</i></p> <p style="text-align: center;">Geographic Barriers to Opioid Use Disorder Treatment in Colorado Presenter: Brian Erly, MD MPH, Steven Erly, MPH & D. Tyler Coyle MD MS</p> <p>Many evidence-supported treatments for opioid use disorder, including buprenorphine and methadone, are available only from specially licensed providers or treatment centers. Treatment initiation and continuation involves many ongoing in-person appointments with a provider; for this reason geographic proximity may be an important factor in a person's ability to seek and obtain treatment. The most recent survey of geographic barriers to treatment was conducted in 2017, only included opioid treatment programs (methadone clinics), and used a simplistic 50-mile radius as a proxy for treatment availability. Our project aims to update this out of date data, incorporating buprenorphine providers as well as methadone, and to use estimated drive times instead of a crude treatment radius to provide more robust information about treatment availability. Further, we will use this information to evaluate the geographic efficiency of various potential sites for additional opioid treatment program locations. Analysis will be conducted in R using Open Street Map and Leaflet. These open source data science tools are used by researchers and data scientists working in a variety of fields and are free to use for noncommercial enterprises. In addition to reporting our findings, we will publish the code for our analysis, allowing others to expand on our work and techniques.</p>

12:00 - 1:30	Lunch & Panel Discussion in Great Hall	
	Great Hall	CUSD - Room 205
1:40 – 2:30	<p style="text-align: center;">Breakout 5</p> <p style="text-align: center;">US Census Bureau 101 Presenter: Kimberly Davis</p> <p>Learn about the variety of data access tools available online at www.census.gov that can quickly provide a snapshot of your community. During this presentation, you will learn about Census Bureau programs, like the American Community Survey, Economic Census, County Business Patterns, the Longitudinal-Employer Household Dynamics & the levels of geography for various data. You will also learn about products on a variety of data access tools and reports such as QuickFacts, data.census.gov, Voting & Registration, Narrative Profiles, Census Business Builder, PopClock, My Congressional District, and more.</p>	<p style="text-align: center;">Breakout 6 - Community Partnerships</p> <p style="text-align: center;">Data Equity Improvement Through Cross Sector Collaboration Presenters: Carey Boelter, MA, LPC & Fadi Youkhana, MS</p> <p>Addressing gaps in health data collection and inclusion is essential to achieving health equity and improving health policy and health service delivery. El Paso County Public Health (EPCPH) facilitates a Healthy Community Collaborative (HCC), which strives to use data to identify, understand, and address health priorities within our community. Partners work in collaboration with us to improve and enhance our data collection, quality, capacity and availability. A Co-Responder Program (BHCON) is an example of a project identified by HCC to address gaps in mental health responses to emergency calls. The program was implemented in 2018 as an innovative response to emergency 9-1-1 calls. Prior to BHCON some emergency callers were arrested as a result of public disturbances from untreated and undiagnosed mental health conditions. Through BHCON residents are treated in place and connected to appropriate mental health services and resources. It is likely that a holistic evaluation of BHCON will uncover areas of health disparities and health-related social needs. Engaging community partners in data collection and analysis is critical in addressing health equity and improving the health of El Paso County.</p> <p style="text-align: center;"><i>Followed by</i></p> <p style="text-align: center;">Improving Cardiovascular Health Equity in the Black/African American Community through Community & Clinical Linkages to Care Presenters: Terri Richardson, MD, Cheryl Winston, MPA, & Katie Gelman, DrPH, MPH</p> <p>Black/African Americans experience a disproportionate burden of cardiovascular disease, including high blood pressure and obesity. The Colorado Black Health Collaborative (CBHC) was awarded a Racial and Ethnic Approaches to Community Health (REACH) cooperative agreement from the Centers for Disease Control and Prevention (CDC) to provide culturally-responsive prevention interventions focused on cardiovascular diseases and diabetes for the Black community in Metro Denver. The OMNI Institute, a Colorado-based research and evaluation non-profit consultancy, was CBHC's evaluation partner. CBHC aimed to increase the number of Black/African Americans with opportunities for chronic disease prevention, risk reduction, or management through clinic-to-community linkages to community resources, and was able to (1) increase the number of clinics providing culturally-responsive care, and (2) increase the number of clinics making referrals to culturally-responsive, community-based resources. CBHC's grassroots work aims to serve as a model for sustainable community and clinical partnerships to address health disparities Implementation and evaluation results will be shared including highlighted successes, challenges, and recommendations.</p>

2:40–
3:30

Breakout 7

Data + Partnerships = Strategic School Health & Wellness Plans

Presenters: Emily Shore, MPH & Lauren Cikara, MSED

This session will highlight two critical components for improving student and school health: data and partnership. Presenters will provide examples of how HKCS and Smart Source have been used to improve health outcomes for young people. Additionally, presenters will share examples of rural school and community collaborations that have positively impacted planning efforts.

Followed by

Pets for Life: Health Equity through the One Health Lens

Presenter: Sloane M. Hawes, MSW

The Humane Society of the United State's Pets for Life (PFL) program is working to address inequities in access to pet-supportive services in 40+ communities across the U.S. by delivering direct care pets in underserved communities and working to promote greater recognition within the animal welfare movement of how institutions produce and perpetuate unjust systems and policies. The challenge of addressing the issue of access to pet-supportive services is rooted in inconsistent and/or biased data collection. To inform future work and collaboration that addresses the issue of underserved communities in animal welfare, the University of Denver's Institute for Human-Animal Connection (IHAC) is conducting a longitudinal study that will measure how the PFL program impacts human, animal, and environmental health in these underserved communities. By increasing the access to veterinary services through information and transportation, PFL is hypothesized to have robust One Health impacts (outcomes that occur because of the intersection of human, animal, and environmental systems). This study involves the use of a specialized survey instrument that was developed in the Denver, CO Sun Valley and Westwood neighborhoods. The One Health Community Assessment (OHCA) will measure changes in animal welfare, public health, and environmental health on the individual level, while data collected from existing secondary sources will track changes in these domains on a wider community level. By triangulating individual reports with the findings of secondary sources of data, the research team will be able to detect community effects sooner, assess issues of bias and access that inform the utilization of services, and report on impacts that are most relevant to the community members. In this presentation, the findings of the first two years of this four-year study and its relevance to health equity work will be discussed.

Breakout 8

Your Community by the Numbers: Introduction to Data.Census.gov

Presenter: Kim Davis

Learn how to use data.census.gov to access the most current and relevant demographic, socioeconomic, and housing statistics about your community from the American Community Survey (ACS). During this training, you will learn about the ACS and other Census Bureau programs, geographies, and datasets available. You will also learn how to use the search and navigation features in data.census.gov as well as how to download tables and create thematic maps.