

Date	Time	Session Title	First Name	Last Name	Session Description	Session Learning Objective 1	Session Learning Objective 2	Session Learning Objective 3
3/28/23	9:00 AM	Opening General Session - Interwoven	Lata	D'Mello	Monsoon Asians & Pacific Islanders in Solidarity has been providing culturally specific services to victims/survivors of domestic violence, sexual assault and human trafficking since 2003. Interwoven is based on the stories of Monsoon advocates, who are also the performers, exploring geographical, physical, historical and spiritual borders and a sense of belonging as immigrants, refugees and migrants. Their narratives here are but microcosms of their individual and collective histories, but the intention is to foster critical thinking on public health in qualitative research as well as reflect on the roles and responsibilities of public health practitioners. Interwoven owes its creation to Ping Chong & Company, a New York City-based grassroots theatre group that has provided Monsoon space for artistic expression and guidance, and that has been a Monsoon ally for more than a decade.	Attendees will be able to: a) gain some knowledge of immigrant and refugee experiences crossing borders	b) explore the diversity and intersectionalities of their narratives	c) build an understanding of ongoing revisions of their identities; and d) examine the connections between borders and belonging
3/28/23	10:20 AM	Growing the Community Health Worker Dynamic in Iowa: Opportunities to Train and Support CHWs	Angie	Doyle Scar	Community Health Workers (CHWs) are frontline public health workers and trusted community resources. There is growing evidence indicating that CHWs advance health equity, improve health outcomes, and reduce health care costs. Because they are trusted members of the communities served they play a vital role in addressing social determinants of health and the root causes of poor health. This presentation will provide a brief overview of the CHW definition, roles and competencies; discuss why they bring value to efforts to reduce health disparities; share specific examples of organizations utilizing CHWs in Iowa; and describe Iowa's current efforts in creating and supporting a Community Health Worker workforce as part of a growing CHW dynamic in Iowa. Presenters will update participants on a HRSA funded CHW training grant awarded to Iowa in the Fall of 2022. This grant will allow CHW training to reach CHWs from across the state, thus building resources, resilience, and capacity in communities to address the social needs of under-represented Iowans. The three-year grant has three distinct opportunities for CHW training: a comprehensive, skills-based training program, a Department of Labor-approved CHW Registered Apprenticeship, and a Public Health Leadership Training course to provide continuing, upskill education to current CHWs and other health support workers. Participants will receive information on the training and how they can become involved in helping create a strong CHW workforce in Iowa.	Participants will understand how Community Health Workers are defined and the important roles they serve in the community.	Participants will have knowledge about the HRSA CHW training grant and the implications for Iowa.	Participants will gain awareness of the growing CHW dynamic in Iowa and ways they can support and promote utilization of this important workforce in their own professional settings.
3/28/23	10:20 AM	Neonicotinoid Insecticide Fate and Exposure: Impacts for Iowa's Environmental and Public Health	Audrey	Tran Lam	Featuring researchers from the USGS Food Resources Integrated Science Team, this session will highlight the extent of neonicotinoid contamination in Iowa, describe the work of ongoing fate and effects neonic research to date, and highlight important questions for environmental and public health professionals to consider. Neonicotinoids, or neonics, are the most widely used class of insecticides worldwide. Though there are extensive urban applications, neonics are used nearly ubiquitously on corn and soy grown in Midwest farming systems as prophylactic seed treatments. Due to their high water solubility, this class of chemicals are quite mobile in the environment and have the potential to disrupt ecological and human health alike. Recent studies conducted in Iowa suggest that both public and private wells in vulnerable geologic settings are particularly susceptible to neonicotinoid contamination, but that dietary sources may be an additional and significant route of exposures for humans. Furthermore, ongoing work reveals neonicotinoid exposure in non-target species, including whitetail deer populations. The goals of this session are to summarize what is known about neonic fate and exposure in Iowa and discuss the implication of extensive environmental and human exposure.	The scope of neonicotinoid research, fate, and exposure in Iowa and its implication for Iowans	Implications for non-target species and downstream impacts of public health	Upcoming and ongoing research in the area
3/28/23	10:20 AM	A Comprehensive Suicide Prevention Response to Iowa Agriculture Disasters	David	Brown	Iowa State University Extension and Outreach developed a comprehensive suicide prevention response to a series of agriculture related disasters, including the COVID-19 pandemic. This comprehensive package included the implementation of virtual Mental Health First Aid (MHFA), Question.Persuade.Refer. (QPR) and the enhancement of the Iowa Concern hotline. Implementation plans, funding, program execution, successes, lessons learned. and outcomes for each program response are reviewed.	Participants will understand the scope and impact of disasters affecting Iowa agriculture.	Participants will learn how MHFA and QPR were implemented in response to agricultural disasters and their outcomes.	Participants will be more aware of Iowa Concern services and response.

3/28/23	10:20 AM	Bringing Loved Ones Home- the benefits of Project Lifesaver	Diane	Brenneman	<p>Wandering and elopement is a common behavior among those with cognitive conditions and can be very dangerous and potentially life threatening. Roughly 5% of lowans are diagnosed with a cognitive disability. Project Lifesaver is an innovative program that establishes collaborations with first responders, individuals with cognitive disabilities and their families to save lives and reduce potential injury. The average time for a search and rescue operation is 9 hours. 33% of lost loved ones are never found or found too late. Iowa is not immune to cases of wandering that have ended in death. Project Lifesaver has a 100% success rate in finding missing people and has an average rescue time of less than 1 hour.</p> <p>Both presenters are graduates of Iowa Family Leadership Training Institute (IFLTI) and parents of children with special health care needs. IFLTI trains parents to develop their leadership and advocacy skills and includes the development of a Community Service Project. For their projects, both presenters worked with their local sheriff departments to implement Project Lifesaver in their county. IFLTI is sponsored by the University of Iowa Division of Child and Community health and Child health Specialty Clinics.</p> <p>There are currently 11 counties in Iowa that have implemented Project Lifesaver. This session will teach participants the specifics, including a cost benefit analysis, to help replicate this program statewide.</p>	1. Recognize wandering and elopement behaviors among adults and children with cognitive conditions	2. Describe the costs and benefits of a life-saving intervention program for wandering adults and children	3. Understand the process to replicate this program in additional Iowa counties
3/28/23	10:20 AM	Improving Person-Centered Care for LGBTQ+; Innovative Teaching Strategies	Ann	Garton	<p>The purpose of this presentation is to showcase the LGBTQ+ Curriculum Toolkit for Educators of Healthcare Professionals. This interprofessional education resource provides practical strategies for educators of future health care professionals to integrate person-centered curriculum content in care of LGBTQ+ people.</p>	The learner will describe how a person-centered framework through a Knowledge, Skills & Attitudes (KSA) lens supports health and wellness of the LGBTQ+ population.	The learner will identify barriers to integration of LGBTQ+ curriculum content.	The learner will examine resources to incorporate best practices into health education programs.
3/28/23	11:30 AM	RAGBRAI, ICS and an Exercise in Multi-Jurisdictional Collaboration	Jared	Parmater	<p>As most of us know, RAGBRAI is an institution in Iowa. For one week every summer thousands of bicycle enthusiasts flock to the roadways and trails that crisscross the State to celebrate this "Festival on Wheels". This event is loaded with concerts, attractions and most importantly: FOOD. It takes an army of food establishments to feed the participants ranging from local restaurants to mobile units, to say nothing of the myriad of temporary food service establishments. With all of these vendors operating during the week-long, mobile celebration, the potential for foodborne illness is a top concern.</p> <p>Enter the Iowa Department of Inspections and Appeals, Siouxland District Health, Cerro Gordo Public Health, the Black Hawk County Health Department, and their Food Safety Inspection Teams. Last year's event was similar to previous RAGBRAI festivals and highlighted the collaboration between the local departments and the State. During the summer of 2022, select teams consisting of nearly 20 Food Safety Inspection staff, conducted over 200 inspections encompassing temporary, mobile, and retail licenses during the 7 day festival. This effort was the culmination of months of planning and collaboration between the agencies involved, the use of ICS (Incident Command Structure), and daily operations meetings. Continued use of this model in the future will ensure further success in Food Safety Inspections during large, multijurisdictional events and is a major win for Food Safety and the health of our citizens.</p> <p>This presentation will discuss the ICS process, planning and execution timelines, operational synchronization, and inspection and enforcement outcomes of the multi-jurisdictional, multiple day event. Lessons learned from this process will be used to advise future RAGBRAI planning efforts, as well as other potential multi-jurisdictional events.</p>	Attendees will better understand how the Iowa Department of Inspections and Appeals and Local Food Safety contractors utilize ICS to support inspection efforts during the annual RAGBRAI event.	This presentation will familiarize attendees with the ICS model, highlight key positions, discuss duties, and provide a real world example of the incident command structure in use.	Attendees will become familiar with operational tempo of this event, the key planning and reporting structure, and the documents that support ICS efforts during RAGBRAI.

3/28/23	11:30 AM	A Chemical Cocktail: PFAS and Pesticides in Iowa	Audrey	Tran Lam	<p>Population-wide chemical pollution is increasingly becoming an issue of great concern for public health professionals. Per- and polyfluoroalkyl substances, more commonly known as PFAS, are a class of man-made chemicals that are found nearly ubiquitous in the environment. Known as "forever chemicals," PFAS are widely used to make everyday consumer products, contain a very strong and chemically stable carbon-fluorine bond that is resistant to degradation, and are known for their ability to persist in the environment. Studies are only just revealing the extent of environmental PFAS contamination, as well as the numerous impacts to human health including: asthma, immune effects; cancer; obesity; hepatic, cardiovascular, reproductive, and endocrine effects; and impacts to fetal and maternal health.</p> <p>According to recent USDA chemical surveys, 60 million pounds of pesticides were used on Iowa corn and soybeans. This includes a mixture of herbicides, insecticides, fungicides, and others. Pesticides, like PFAS, are being found ubiquitously in Iowa waterways. New research has recently documented high levels of PFAS in widely used pesticides. What is known about how these chemical classes interact with each other, the environment, and humans? What questions remain unanswered?</p> <p>This session's experts will give an overview of the extent of PFAS contamination in Iowa waterways, the emerging relationship between pesticides and PFAS, and how population health may be impacted in Iowa.</p>	An overview of PFAS's impact on population health	How PFAS contaminate pesticides and at what levels	The extent of PFAS contamination in the environment, and the role public health professionals play in reducing exposure and environmental release.
3/28/23	11:30 AM	PFAS in Iowa's Drinking Water Sources	Claire	Hruby	<p>The potential health effects of per- and polyfluoroalkyl substances (PFAS) on humans include interference with vaccine efficacy, reproductive and developmental problems, and increased risks of certain cancers. The Iowa Department of Natural Resources published a PFAS Action Plan in January of 2020. The primary focus area of this plan was to minimize the exposure of Iowans to PFAS from public drinking water. Monitoring of PFAS in source waters (surface and groundwater) began in 2021 and continues into 2023. The sampling approach for this study is targeted and iterative, beginning with surface waters and highly vulnerable wells in close proximity to possible sources of PFAS. Two PFAS compounds, PFBA and PFPeA, were found to be present at low concentrations (<5 ppt) in most surface waters used as drinking-water sources. Although less commonly detected, a wider variety of PFAS compounds were detected in groundwater sources, often at higher concentrations than in surface waters. In this presentation, we will present the results of this study, changes to the regulatory environment, implications for public water supplies, and updates to the original Action Plan.</p>	Understand what are PFAS compounds, their potential health effects, and levels of concern in drinking water	Learn where PFAS have been found in Iowa, and what actions are being taken to address these findings	Begin to integrate these findings into estimates of total PFAS exposures through food, water, and air

3/28/23	11:30 AM	African American men and prostate cancer: Understanding disparities in prostate cancer amongst African American men in Black Hawk County	Bridget	Saffold	<p>Racial biases and inequities in the health care system have prevented African American men from getting preventive care and receiving the same level of treatment as their white counterparts. All men are at risk of developing prostate cancer. Most prostate cancer is found from screening due to the lack of early signs and symptoms. Early detection of prostate cancer increases the chances of survival. However, African American men have a higher genetic risk of prostate cancer, are diagnosed in later stages, and are more likely to die from the disease. Different recommendations and prostate screening guidance from various agencies causes confusion amongst patients and medical professionals. African American men in Black Hawk County have higher prostate incidence and mortality rates compared to white men. Because of this we launched Project Health, an initiative to learn more about the African American men in Black Hawk County.</p> <p>Over several months Project Health has conducted a study to evaluate barriers to prostate cancer screenings, determine where African American men get their health information and assess the level knowledge about prostate screening. According to the Centers for Disease Control and Prevention, prostate cancer is the second most common cancer among men in America (2022). Age, family history of prostate cancer, and being an African American are known risk factor. PSA (prostate specific antigen) testing has historically been associated with overdiagnosis and overtreatment of prostate cancer. False positive readings have led to further testing that can cause physical harm as well as psychological and mental stress. Based on these findings, the US Preventive Service Task Force (USPSTF) modified their screening recommendation. According to Borregales et al., (2022), the improvement in how prostate cancer screening is managed has had considerable trade-offs, as there was increased incidence in regional and metastatic staged prostate cancer. African American men not only have the highest incidence of prostate cancer, but are also more likely to present with more advanced and aggressive prostate cancer and are two times more likely to die from the disease (Roberts et al., 2018).</p>	Discuss disparities in prostate cancer.	Identify differences in screening recommendations from different agencies and explore potential barriers to prostate cancer screening	Share Project Health Cancer study performed in Black Hawk County.
3/28/23	11:30 AM	How do African American Iowans' experiences in healthcare shape cancer prevention and control behaviors?	Sarah	Nash	This session will describe the results of a community engaged pilot research project conducted by partners at the University of Iowa, in collaboration with community members from Waterloo, IA. We will present results of interviews with twenty community members from Waterloo, who shared their experiences within the healthcare system, and how those experiences have shaped their willingness and desire to engage in cancer prevention and control behaviors such as screening and treatment. We will describe the major themes that we identified in our analyses of these interview data, and identify potential next steps for this work.	Identify African American Iowan's experiences in healthcare	Understand how those experiences in healthcare shape cancer prevention and control behaviors	Identify principles of community engagement used in this research project
3/28/23	11:30 AM	Transforming Trauma: Current Trends in LGBTQ Mental Health, and What We Can Do to Reverse Them	Jordan	Mix	While there has been notable progress in the quest for LGBTQ equality over the last decade, recent data suggests that LGBTQ students are facing increasingly hostile educational environments that negatively affect their mental and physical health and well-being. In this session, participants will gain an overview of the current landscape LGBTQ youth are navigating in Iowa, become familiar with common terminology relating to LGBTQ people and identities, and work with the session facilitator to identify action steps for providing a safer and healthier tomorrow for Iowa's LGBTQ youth.	Participants will be able to identify health disparities between LGBTQ and non-LGBTQ youth	Participants will be able to demonstrate an understanding of why health disparities between LGBTQ youth and non-LGBTQ youth exist	Participants will demonstrate growing confidence in their discussion of LGBTQ topics and identities

3/28/23	11:30 AM	Innovative Partnerships Transforming Iowa's Nutrition Security Landscape	Bambi	Press	<p>More than 229,000 Iowans are food insecure. In fact, food insecurity is in every county across Iowa. In the midst of rising prices for food fuel and housing, one in seven working Iowa households already cannot cover the costs of basic needs. A perfect storm of rapidly increasing needs, inflation, lingering supply chain issues and a lack of donations has led to long lines and waiting lists for Iowans in need of nourishment.</p> <p>Innovative public/private partnerships are improving public health by increasing food access and nutrition security for Iowans, supporting local economies and the farming community, and improving system resiliency. In this interactive presentation with Iowa Food Bank Association (IFBA) and Iowa Department on Aging (IDA), participants will get an up-close look at these new and expanding partnerships.</p> <p>IFBA will highlight a statewide innovative local foods collaboration through the USDA. The Iowa Local Food Purchasing Assistance Program (ILFPA) is increasing access to local food and improving supply chain resiliency through partnerships with local producers and underserved communities. This program allows producers to sell to food access organizations through food hubs and food banks.</p> <p>IDA will describe how Iowa saw a 60% decline in congregate nutrition participation over 10 years, despite increasing food insecurity among older Iowans. Today's older adults are more diverse and have different needs when it comes to food and nutrition. The Iowa Café is modernizing the congregate meal infrastructure to increase access to choice, quality, and nutritious meal options for food insecure, malnourished and socially isolated older Iowans.</p>	1. Recognize the importance of nutrition security in public health. 2. Discover innovative solutions to improve nutrition security and public health.	3. Learn how to maximize public and private partnerships. 4. Recognize innovation barriers and opportunities.	5. Understand how public health professionals and other stakeholders can get involved and support innovative solutions to improve nutrition security and public health.
3/28/23	1:45 PM	Cottage Foods 101: Safety & Product Testing	Shannon	Coleman	<p>The Food Freedom Law has changed cottage food laws in several states, including Iowa. The change in regulation has led to confusion about state-specific food safety rules that the vendors should follow. This presentation will cover some basic food science practices related to the cottage such as highlighting the difference between high and low-acid canned foods. The functionality of ingredients and product testing will also be discussed, as how one ingredient change in a recipe can change a product.</p>	State the difference between high and low acid canned foods.	Describe how the functionality of certain ingredients in various products.	Identify common product testing practices for cottage foods.
3/28/23	1:45 PM	It Takes a Village to Collectively Impact Childhood Lead Poisoning in Iowa	Alexa	Andrews	<p>According to the CDC, no level of lead is safe in a child's blood. Knowing this, prevention, detection and intervention is crucial for a child's wellbeing. In the state of Iowa, we rely on local childhood lead programs, public health professionals, providers, housing officials and collaborators to ensure children are being tested, education is being provided, and remediation is being completed. The Iowa Institute of Public Health Research and Policy (IIPHRP), at the University of Iowa, College of Public Health was contracted by the Iowa Department of Health and Human Services (IHHS) to deploy a collective impact model to form a statewide workgroup to facilitate improved outreach, education, and program changes to prevent childhood lead poisoning in Iowa. A statewide Childhood Lead Advisory Workgroup (CLAW) was formed in 2019 and included members from local housing officials, medical professionals, public health officials, elected officials as well as other child health and housing services professionals. The CLAW develops comprehensive strategies to prevent childhood lead poisoning through statewide policy and program changes. Through several statewide surveys the CLAW has identified two major needs in the state, an updated screening questionnaire for use in doctor's offices, and an all-encompassing resource document for the general public to be able to identify and connect to resources in our state. The CLAW has updated the screening questionnaire and has completed a quality improvement process to understand the reach across the state and determine how to best reach those who have not implemented the updated tool. The CLAW has begun the planning process to develop a resource directory for all things lead and housing related. This is dependent on collective impact, bringing everyone's resources together in one place to be more accessible for the general public. This presentation will describe collective impact, demonstrate how it was used to form the CLAW, and discuss how you can play a role in assisting the CLAW on these projects.</p>	Describe collective impact and demonstrate the Collective Impact model as it relates to the CLAW	Discuss the importance of implementation of the updated screening tool and identify ways to increase the reach	Identify resources your organization can contribute to the resource directory

3/28/23	1:45 PM	Supporting a culture of mental health and well-being among Iowa's public health workforce			<p>The public health workforce is filled with dedicated professionals who have worked throughout the COVID-19 pandemic to protect and promote community health. Yet, this work has not come without consequence. In Iowa, negative public and political perceptions have increased burnout and poor mental health among public health practitioners.</p> <p>Together, Iowa Public Health Association, the University of Iowa College of Public Health Institute for Public Health Practice, and the Midwestern Public Health Training Center and local public health practitioners are collaborating to marshal existing resources and develop new capacity to address the mental health needs of the public health workforce. The collaboration began with a mental health needs assessment of the statewide workforce. Based on survey results and town hall discussions, the partners have developed initiatives to support organizational cultures of health and wellness at multiple levels.</p> <p>Topics for these initiatives include implementing and modeling wellness behaviors, life-work balance, supportive workplace policies, and mitigating compassion fatigue, burnout, and secondary trauma. In addition, the partners are also collaborating with an organization for public health law to identify legal and policy solutions to support and protect the public health workforce. Together these initiatives are intended to address the organizational and mental health challenges that are currently faced by the Iowa public health workforce. A strong public health workforce is vital to protecting the health of all Iowans, and a well-supported public health workforce is essential to achieve Iowa's public health goals.</p>	Identify the mental health and organizational challenges that public health workers are currently facing	Describe initiatives to strengthen and support the public health workforce	Evaluate pre- and post-program data and experiences of stakeholders, to inform adoption of best-practices
3/28/23	1:45 PM	Lead Poisoning Prevention: Chipping Away at Educational Barriers	Jenna	Heiar	<p>This session will discuss the barriers in educating the public and public health professionals on lead poisoning prevention. The session will focus lead-based paint informational materials in regard to literacy levels and consider face to face education and variance in learning styles.</p>	Participants will be able to recognize the complexities of communicating lead poisoning prevention information	Participants will be able to modify lead poisoning information materials with readability levels in mind	Participants will be able to understand the importance of multiple media sources of lead poisoning prevention education
3/28/23	1:45 PM	Community Planning and Public Health	Sarah	Runkel	<p>Community Planning and Public Health are tethered topics that have drifted apart over the past century. In this session, we will investigate the history of the relationship between the two fields beginning with the cholera outbreak of 1854 and progressing into more nuanced issues of recent history including implications from the Covid-19 Pandemic. The session will evaluate the efficacy of local case studies on the inclusion of Public Health in Community Planning across the region with examples from multiple states. This examination will include discussion about external factors and systemic issues that impact cross-sector engagement both positively and negatively. We will conclude with presenting the value of incorporating Public Health in Community Planning, along with ideas on how to support the relationship between the two fields to best serve our communities.</p>	At the conclusion of this session, attendees will have a clear understanding of the relationship between Public Health and Community Planning.	At the conclusion of this session, attendees will be able to identify inter-related circumstances that both fields impact the community through.	At the conclusion of this session, attendees will be able to advocate for healthier community development standards that impact the health of their communities.

3/28/23	1:45 PM	Clinical interventions as public health strategies to address health disparities	Sarah	Strack	<p>Health disparities are defined as health differences linked with social, economic, and/or environmental disadvantages and threaten groups of people's ability to achieve optimal health. It is important to measure and address health disparities to improve health equity.</p> <p>In the state of Iowa from 2010-2020, heart disease was the leading cause of death, and disparities in heart disease is an area of concern. The Iowa Department of Health and Human Services (Iowa HHS) receives funding from the Centers for Disease Control and Prevention to implement the "Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke" program, one of the overall goals of which is to decrease the burden of heart disease throughout the state and work towards the elimination of heart disease disparities. To work towards this goal, Iowa HHS has partnered with health systems across the state to implement activities to identify, track, and address healthcare disparities related to hypertension and high cholesterol.</p> <p>This presentation will describe the partnerships between Iowa HHS and health systems and technical assistance providers, facilitators and barriers to setting up partnerships, and lessons learned from establishing partnerships between public health organizations and healthcare systems. Presenters will also discuss early outcomes of identifying and addressing healthcare disparities related to heart disease.</p>	At the conclusion of this session, attendees will be able to describe heart disease-related health disparities identified by health systems in Iowa partnered with Iowa HHS.	At the conclusion of this session, attendees will be able to explain how partnerships between public health organizations and healthcare systems can address health disparities.	At the conclusion of this session, attendees will be able to summarize activities implemented by health systems to address health disparities.
3/28/23	2:50 PM	Environmental Health, the Amish Way	Adam	Hahn	<p>Environmental Health works with a wide variety of people. Each group requires different tactics and cultural understanding, but the goal of protecting health is always the same. The Amish are a particularly unique group. They have limited access to many modern conveniences, requiring different tactics to obtain the same level of public health prevention. The objective is to showcase a unique population in Iowa, their methods of producing safe food, and our work with them.</p>	Demonstrate cultural competency	Work with under-served populations	Design equitable approaches to Environmental Health
3/28/23	2:50 PM	Birthing Center Closures - The Impact on Rural Iowans and Birth Outcomes	Megan	Aucutt	<p>In Iowa, there have been over 40 birthing center closures across the state. This session will highlight recent research reviewing the impact these closures have had in rural Iowa. Highlighting both challenging trends and "bright spots" for opportunities to come together as a community to ensure everyone has the joyous birth experience they deserve. This new research takes a deep dive into the birth outcomes of rural expectant parents- both insured and uninsured - highlighting concerning trends such as how over 50% of expectant parents now have to drive between 30-59 minutes to their nearest labor and delivery unit and how the average start of prenatal care was significantly later in counties without a birthing facility. In stillbirth prevention hours and minutes matter and we know that prenatal care is imperative to healthy birth outcomes. Alongside Iowa State University and Iowa Health and Human Services, we take a look at this data and discuss real solutions - like the impact home visitors can and do have in rural areas, the importance of Managed Care Organizations offering maternal health benefits easily, and the importance of WIC. This presentation leads to a further discussion on the next steps and real solutions in Iowa that we can do NOW.</p>	Participants will examine impacts of birthing center closures in Iowa.	Participants will demonstrate how Count the Kicks and home visitation can be part of the solution to improving birth outcomes in rural Iowa	Participants will outline additional solutions to counteract the negative impact birthing center closures have in rural Iowa.
3/28/23	2:50 PM	Creating a Vision for a Healthier Workforce Using a Systems-Based Approach	Laurie	Walkner	<p>The Midwestern Public Health Training Center (MPHTC), in collaboration with Engaging Inquiry and over 30 regional partners, conducted a systems practice analysis to explore the current state of the public health workforce and identify opportunities to strengthen the public health system. This approach includes four main phases: Gain Clarity, Find Leverage, Act Strategically, and Learn and Adapt, which can help public health practitioners to highlight existing and emergent strengths, identify areas for growth, and set tangible goals to improve the public health system. Through the use of focus groups and workshops, four areas with potential to shift system dynamics were observed: a culture shift, a value shift, an opportunity shift, and a positional shift. These four areas can be utilized by public health practitioners to develop adaptive and emergent strategies that can initiate changes and contribute towards collective impact. Public health utilization of systems mapping is a valuable approach to addressing complex challenges and to strengthening local and national system responses for current and future public health needs. This presentation will describe this process, discuss outcomes and lessons learned, and engage participants in exploring ways that this work can strengthen their organization's workforce capabilities.</p>	Assess opportunities to strengthen the capabilities of the public health workforce	Identify specific points in the system where shifts can be made to current programs, policies, or practices to have the greatest collective impact	Recognize metrics for success and the learning process

3/28/23	2:50 PM	Families Leading Change	Diane	Brenneman	<p>Many of the significant advances in the System of Care for children with disabilities came about because of the advocacy of their families. Parents and caregivers sat around the table, shared the barriers they encountered in raising their children, then rolled up their sleeves and got to work. Supporting family partnerships in public health can lead to lasting change. The presenters are graduates of Iowa Family Leadership Training Institute (IFLTI) and parents of children with special health care needs. IFLTI trains parents to develop their leadership and advocacy skills and includes the development of a Community Service Project. IFLTI is sponsored by the University of Iowa Division of Child and Community health and Child health Specialty Clinics. Jillyn Kaufman (Eldridge) has worked with the local school and community to increase understanding of Deaf culture. Dayrin Lovan (Iowa City) and Irene Rodriguez (West Liberty) run a café that provides employment internships for immigrant and refugee youth with disabilities.</p> <p>Kate Thompson (Des Moines) will present on her work on improving human resources practices for neuro-divergent folks, focusing on creating accessible job opportunities, best practices in human resources, and how employees can self advocate for better workplace accessibility. The family leaders will share how they came to see themselves as agents of change, how they grew their advocacy efforts, and how their work can be replicated on the individual, community and system levels.</p>	1. Recall ways families of children with disabilities are leading changes in Iowa	2. Consider ways family-led projects could be replicated across Iowa communities	3. Recognize the power of family leadership advocacy training
3/28/23	2:50 PM	Do Bisexuals Have a “Crippling Nicotine Addiction”: An explorative study of user-generated e-cigarette messages on QueerTok	Coltin	Ball	<p>In the US, nicotine use, and consequently, tobacco-related disease, disproportionately affects sexual and gender minority (SGM) populations. An array of historical and contemporary drivers influence SGM nicotine use, potentially including tobacco-related narratives on social media. This study aimed to delineate perceptions and experiences depicted in SGM user-generated messaging about e-cigarettes on TikTok. As a collaborative effort, young adult researchers engaged in every step of the research process. We collected videos (n=440 including duplicates) from four TikTok accounts using TikTok’s search functionality with a combination of e-cigarette and SGM-related terms in March and April 2022. Three accounts focused on SGM-data, while a fourth provided comparison data without a specified sexual or gender identity. In an iterative, qualitative process, we sorted 305 unique videos into 32 codes and identified emerging themes and subculture trends specific to the SGM community. In the videos, users reflected e-cigarette use both as a facet of identity akin to sexual orientation and mental health status and as a potential determinant for partnership. Creators displayed clear awareness of their dependence on e-cigarettes; some deemed their addiction as “accidental,” while others intentionally used e-cigarettes for the nicotine effects. Overall, creators remained apathetic towards their e-cigarette habits despite recognizing the potential long-term health implications. Studying social media platforms, like TikTok, through a qualitative lens allows for nuanced understanding of perceptions, attitudes, and motivations for use, which can inform appropriate interventions for SGM young people and advance health equity. Future research should continue to engage with social media platforms, like TikTok, to both monitor emanating elements of e-cigarette practices and gain authentic information regarding priority populations.</p>	Differentiate SGM-specific e-cigarette attitudes from general population perceptions	Discuss the potential for social media research to illuminate emerging public health problems	Interpret a TikTok video for public health research and intervention

3/28/23	4:15 PM	The Potential for Geologic Carbon Sequestration in Iowa	Ryan	Clark	Carbon capture, utilization, and storage (CCUS) is rapidly gaining attention as one of the most effective tools we have to fight climate change. Although capturing carbon dioxide (CO2) gas and permanently storing it underground has been going on for decades, the practice of carbon sequestration has not yet been done in Iowa. This may soon change as the push for meeting aggressive carbon reduction goals has placed Iowa, and its nation-leading biofuels industry, in the spotlight. Ethanol production leads to the emission of nearly pure CO2, which greatly reduces the processing needed prior to storage, making ethanol plants prime carbon capture targets. This presentation will introduce to the different types of CCUS before delving into the aspects of geologic storage. Iowa's geology could be suitable for commercial-scale storage of CO2 in deeply buried bedrock formations, however more research is needed to adequately assess this potential. Recently, several pipeline projects have been proposed that would transport CO2 captured from Iowa ethanol plants to geologic storage locations in North Dakota and Illinois. These proposals have raised concerns about the negative effects posed by hazardous materials pipelines. Perhaps now is the time to invest in the research needed to determine if Iowa's geology can support the carbon reduction needs of its industries without lengthy pipelines.	Describe the differences between the three types of geologic storage.	Discuss why CO2 needs to be injected at least 2,700 feet below the land surface.	Evaluate the pros and cons of geologically storing captured CO2 in Iowa versus transporting it out of state via pipelines.
3/28/23	4:15 PM	"Dedication, persistence and resiliency in spite of turmoil.": Learning from the COVID-19 Pandemic Through the Eyes of the Public Health Workforce	Amanda	Sursely	The impact of the COVID-19 pandemic response on frontline healthcare workers has been well described, but the effect on the public health workforce has not been examined to the same extent. Cognitive Edge SenseMaker® is a novel tool employing a mixed-methods approach to capture and analyze the complex interconnection of people's perceptions, attitudes, beliefs and mind-sets as they relate to a specific experience. The Prevention Research Center for Rural Health of the University of Iowa and the Iowa Public Health Association partnered to utilize this tool to understand the experience of the public health workforce in Iowa during the COVID-19 pandemic, including challenges and innovations, and lessons learned that can inform continued and future response.	1. Describe the utilization of the Cognitive Edge SenseMaker® tool for data collection and visualization	2. Critically evaluate the COVID-19 pandemic response in Iowa, and the impact on communities and the public health workforce at the frontline	3. Describe needed future action and advocacy by decision and policy makers to mitigate challenges and support the wellbeing of communities and the public health workforce
3/28/23	4:15 PM	Intersecting Academics and Practice: Developing Academic Public Health Partnerships in Iowa	Alaina	Elliott-Wherry	Over the past year, the University of Iowa College of Public Health (UI CPH) and three local health departments (LHDs; Black Hawk, Johnson, and Linn counties) have worked together to create academic public health partnerships (APHPs) around five shared goals: workforce development, student engagement, practice-based research, capacity building, and sustainability. The partnerships are mutually beneficial as UI CPH informs the practice of public health, and the governmental public health agencies inform the academic programs (e.g., curriculum planning, student engagement, guest lecturing). Relationship-building activities with the three LHDs have identified common themes including prioritizing health equity, supporting LHD staff mental health & workforce development, and identifying training needs & experiential opportunities for public health students. Activities over the past year have focused on these priority areas respective to each county. Examples of activities include partnering with the Midwest Public Health Training Center to implement a health equity training, implementation of an organizational-level workforce development assessment, and involving health department staff in classroom teaching and research collaborations with faculty and students. This collaborative presentation featuring UI CPH faculty, students, and LHD leaders will discuss the activities conducted in the last year and outline next steps for the APHPs.	Understand the goals for developing academic public health partnerships in Iowa.	Identify current and future APHP activities from Black Hawk, Johnson, and Linn County Health Departments, as well as unique aspects in collaborations across health departments.	Describe the process of developing and sustaining these partnerships.
3/28/23	4:15 PM	Expand Your Cultural Roots	Annie	VanderWerff	Generating diversity in your organization must be intentional for it to be a thriving, transformational agent for change. This interactive session will enable participants to analyze key areas of how values and orientation towards life itself affect our daily living together in a multicultural society and world.	Discover how you rank on the cultural competency scale.	Gain a deeper understanding of how to transform your environment, staff, and board members to look more like the people you serve.	Discover innovative ways to transform, grow, and build cross-cultural capacity in your organization.

3/29/23	8:00 AM	Dealing with the Public Health Consequences of the Herbicide Use Treadmill	Audrey	Tran Lam	<p>The ongoing spread of weeds in Iowa and across the Midwest that are resistant to multiple herbicides has drawn corn and soybean farmers onto a herbicide-use treadmill. Overall herbicide use and expenditures continues to rise, with most of the increase since the late 1990s accounted for by herbicides known to pose reproductive and cancer risk. The sheer volume and numbers of herbicides applied are also triggering further degradation in soil health and water quality, and both above- and below-ground biodiversity. As the Farming for Public Health initiative continues in Iowa, new data is emerging on trends in human exposures and new or heightened risks of adverse birth and public health outcomes.</p> <p>This session will describe contemporary Iowa weed management systems and herbicide use; provide an overview of biomonitoring data on widely used pesticides; and, discuss how obstetrics, gynecological, pediatric, and public-health communities around the State – and world – are responding in the face of rising herbicide use and prenatal exposures.</p>	Understand how exposures to herbicides are changing in Iowa	Summarize recent science linking herbicide exposures to adverse birth outcomes	Identify scientists, government entities, and organizations confronting this challenge
3/29/23	8:00 AM	Enhancing Iowa's capacity for advocacy, equity and collaboration within comprehensive cancer control: 2023-2027 Iowa Cancer Plan	Rachel	Schramm	<p>The 2023-2027 Iowa Cancer Plan provides direction for planning, implementing, and evaluating cancer control programs, research, and policy initiatives. The Iowa Cancer Consortium, in collaboration with many partners, revised the Iowa Cancer Plan during calendar year 2022. As part of the revision process, the Consortium decided to innovate the cancer plan by having it be a completely virtual plan on an interactive website. The Consortium also established a steering committee, solicited virtual feedback from many Iowans involved in cancer prevention and control efforts (including subject matter experts and cancer survivors), incorporated health equity throughout, and created a series of professional videos to highlight sections of the plan. This interactive and engaging session will be useful to anyone involved in creating a significant plan or report.</p>	Describe the Iowa Cancer Consortium and role of the Iowa Cancer Plan in statewide cancer control activities.	Accurately describe the Iowa Cancer Plan revision process.	List three recommended steps for innovation and community input when creating or evaluating a plan or report.
3/29/23	8:00 AM	Iowa Food System Coalition and Public Health Professionals Working Together To Make A Difference In Our Food System	Jodie	Huegerich	<p>This session will help public health professionals explore their role as an essential partner in an Iowa food system that is healthy, just, and sustainable. After the session, attendees will be able to identify tools and networks important to their work in the Iowa food system. Session speakers are two health professionals on the Steering Committee of the Iowa Food System Coalition. The Iowa Food System Coalition was developed in 2021 and is committed to collective action to advance a thriving, equitable food system in Iowa. Learn more about the coalition, understand the impact of food on Iowans and their health, identify opportunities for collaboration with other organizations, and how public health professionals can get involved with the coalition.</p>	Understand the importance of food and the Iowa Food System and the impact on Iowans and their health.	Identify opportunities for public health professionals to collaborate with new and diverse partners within the Iowa Food System Coalition.	Explain how public health professionals can advance the development of new programs and policies that support advancing food system work in Iowa by getting involved in the Iowa Food System Coalition.
3/29/23	8:00 AM	Teaching Today to Transform Tomorrow - The Impact of the Workforce Development Initiatives at the UI College of Public Health	Bonnie	Rubin	<p>In the Fall of 2021, The University of Iowa College of Public Health was awarded a COVID-19 Public Health Workforce Development grant from Iowa Department of Public Health funded through the American Resource Plan Act of 2021. Through CDC, the funding supports states to establish, expand, and sustain a public health workforce. Since its beginning, 47 students have been recruited to the Strike Force with 39 current active members who have worked on 23 projects with 9 different organizations and a Spring Break session integrating public and environmental health at the Lakeside Laboratory Campus. In addition, 29 students have been placed in internships or practicums with 8 local public health departments.</p> <p>The presentation will focus on three areas of this project: the enhanced internship and service learning opportunity program and the development of the Strike Force team</p> <p>For each program area, the presentations will include: the mission, purpose, development and implementation;</p> <ul style="list-style-type: none"> •how it works and how public health practitioners can participate; •projects and initiatives that have been completed; •successes from student deployment and collaboration with health departments, and; •goals for the future., 	<ul style="list-style-type: none"> •Recognize opportunities for student support with new initiatives and projects 	<ul style="list-style-type: none"> •Recognize the importance of using student resources for hands-on, real life public health related initiatives, project and events while assisting the host to complete projects and initiatives 	<ul style="list-style-type: none"> •Employing the electronic project support request for Strike Force, interns or practicum students to assist public health organizations

3/29/23	8:00 AM	A Bite, A Snack, and A Full Meal: Building a Farm to School Program in Waukee	Kaitlyn	Scheuermann	<p>With a passion for providing healthy food opportunities to the rapidly increasing student population while also supporting the local community, Waukee Nutrition has secured two rounds of USDA Farm to School grant funding to develop robust Farm to School Program which includes local food procurement, nutrition education, and hands-on agricultural opportunities for students. This session will provide an overview of the Waukee Community School District's innovative approach to farm to school and inspire other schools, public health professionals, and community partners to get involved in supporting local food, nutrition education, and experiences across Iowa.</p> <p>Kaitlyn Scheuermann, Registered Dietitian and Farm to School Coordinator will highlight key components of the District's Farm to School program, including innovative growing spaces, unique hands-on agricultural opportunities, curriculum integration, cultural diversity, and local food procurement. APEX students will co-present this session to describe how youth within the Waukee School District have provided leadership for school gardens and Farm to School initiatives. Participants will brainstorm ideas for how to grow the Farm to School movement in their local communities.</p>	Summarize the three components of a comprehensive farm to school program.	Identify at least three key partners that can support Farm to School efforts in your own community.	Describe at least two ways to engage youth leadership to positively impact the food system.
3/29/23	9:05 AM	Pass the Bloody Mary Mix! A Multi-State Response Involving Multiple Unapproved Products	Ivy	Bremer	<p>Multiple unapproved food products were identified through a routine retail inspection in Sioux City, Iowa. The Siouxland District Health Department (SDHD) identified 3 unlicensed food processors selling products throughout their region. In this investigation, SDHD found that some of the unlicensed processors prepared the products outside the state of Iowa in the neighboring state of Nebraska.</p> <p>SDHD notified the Iowa Department of Inspections and Appeals (DIA) in regards to the unapproved sources found in Sioux City. SDHD is a contracting agency with DIA and is responsible for the retail regulatory inspections within and surrounding Northwest Iowa.</p> <p>After notification, Iowa's retail and manufactured food regulatory agency, DIA, notified the Food and Drug Administration and Rapid Response Team (RRT) partners. All parties worked together to remove the unapproved food products from sale and worked with the operators on proper licensure. Iowa RRT activated the Incident Command System (ICS) to coordinate the investigation.</p>	At the conclusion of this session, attendees will be able to have an understanding of Iowa's food regulations and the process of ICS.		
3/29/23	9:05 AM	Utilizing Syndromic Surveillance to improve the health of Iowans	Susan	Schreiner	<p>CyncHealth, in collaboration with Iowa Health and Human Services, has created a sustainable framework and operational plan for individual epidemiologists and bureaus. The capability to collect syndromic data, transmit to a health information exchange and send to CDC's National Syndromic Surveillance Program (NSSP) has benefited the state while contributing to the national health picture.</p>	Develop Syndromic Surveillance champions	Create operational support plans	Recognize the role as site administrator to ensure ongoing quality
3/29/23	9:05 AM	I-Smile Silver- The past, present and future	Angie	Friedmann	<p>This presentation will provide information on the past obstacles and achievements of a pilot program, what we have learned to get to where we are today and the future for I-Smile Silver.</p> <p>I-Smile Silver is a pilot project, connecting Iowa adults with dental, medical, and community resources to ensure a lifetime of health and wellness. I-Smile Silver uses dental hygienists as local dental coordinators/navigators. Coordinators are community resources for dental education, prevention, and assistance. While the project benefits all adults, it focuses on those who are most vulnerable with dental needs, including the elderly, adults enrolled in Medicaid or Medicare, those managing chronic disease, living in long term care, and/or those who are underinsured.</p>	Participants will be able to understand how I-Smile Silver connects Iowans to services in Iowa.	Participants will be able to describe what medical/dental integration is.	Participants will have an understanding of the obstacles pilot programs could face.
3/29/23	9:05 AM	Flip the WhAt?!?!? How one small local public health "FLIPPED" to 100% population health.	Jes	Wegner	<p>Recently local public health departments were tasked with focusing on population health with their Local Public Health Services dollars. Flipping fiscal, programs, processes and thinking to create system development changes can be overwhelming for any sector. By working together and sharing best practices, we can enhance our public health system together. Attend this session to learn how one small local public health "flipped" in FY18 and where they are at in FY23.</p>	1. Learn about processes to improve local public health capacity to assure core public health functions are met.	2. Analyze public health programs and processes to align with the public health ten essential services.	3. Explore the tools used to assist local public health departments to flipping to 100% population health.

3/29/23	9:05 AM	Refugee Dental Care Coordination	Mary	Kelly	Iowa has a long history of welcoming refugees. The 2021 influx of over 750 Afghan refugees highlighted the need for targeted care coordination. Previously, refugees have not received well-coordinated access to oral healthcare resulting in unmet treatment needs and a lack of preventive care. This project's objective is to improve the dental referral process to meet the specific needs of the refugee population.	At the conclusion of this session, attendees will be able to list three access to dental care issues for new refugees.	At the conclusion of this session, attendees will be able to explain the importance of prompt dental referrals for new refugees.	At the conclusion of this session, attendees will be able to identify solutions that will assist refugees in accessing dental care.
3/29/23	9:05 AM	Vaccine Partnerships Across Iowa	Elizabeth	Faber	Academic-community partnerships are critical to adapting and implementing community-specific public health interventions. This presentation will describe the partnership between the University of Iowa Prevention Research Center for Rural Health and Iowa Immunizes, a statewide immunization coalition sponsored by Iowa Public Health Association. We will outline the formation, process, and lessons learned from our joint project designed to increase COVID-19 vaccination rates in Iowa micropolitan communities. We will describe how to develop academic-community partnerships that are mutually beneficial and how we have overcome challenges. Consistent with principles of community engagement, academic and coalition partners made decisions regarding changes to intervention objectives, target audiences, and the development and dissemination of training materials and media campaigns. Following the presentation attendees will have actionable steps to maximize the responsiveness of community-based interventions.			
3/29/23	10:20 AM	Featered Session: Update on Iowa Dept of Health & Human Services			Director Garcia and Dr. Kruse will provide an update on the Iowa Department of Health and Human Services.			
3/29/23	1:15 PM	Iowa Onsite Wastewater- More Than Just the Kitchen Sink	Cory	Frank	How do you size non residential systems? What is domestic wastewater vs industrial wastewater? These questions and more will be discussed during this session. How do local EH programs deal with the permitting and decision processes needed to make determinations dealing with private septic systems and when to call the DNR. A pooperie of topics and methodology will be discussed.	Attendees will compare and contrast different types of wastewater including domestic waste vs industrial waste and distinguish what course of actions are required to permit those systems.	Attendees will identify which private septic system types are appropriate for non residential uses.	Attendees will sharpen their critical thinking skills and apply knowledge within the presentation to devise policies and procedures within their own local EH program.
3/29/23	1:15 PM	Harm Reduction: More Than a Buzzword	Liz	Sweet	As the number of drug-involved deaths surpass record highs, it is clear the status quo around drug use must change. Harm reduction, or the minimization of harms related to behaviors with inherent risks, can be applied to many public health issues. "Harm reduction" is receiving increased attention, despite its decades-long history across multiple movements. In this session, we will explore Harm Reduction's roots, principles, evidence-base, and practical applications across multiple disciplines as a way to reduce drug-involved deaths and improve the health and well-being of people who use drugs.	At the conclusion of this session, attendees will be able to define harm reduction and its principles.	At the conclusion of this session, attendees will be able to identify evidence-based harm reduction practices and efforts happening in Iowa.	At the conclusion of this session, attendees will be able to apply harm reduction principles to their work.

3/29/23	1:15 PM	<p align="center">The Pharmacists' Role in Opioid Prescribing and Medication Assisted Treatment</p>	Elizabeth	Orput	<p>Pharmacists play a vital role on the health care team, especially when it comes to appropriate pain management, treating substance use disorders (SUD), and sustaining recovery.</p> <p>Pain management is important for patients following acute traumatic injury and often includes the use of opioids. Minimizing the risk for opioid abuse, misuse, and overdose is a significant public health initiative. An evidence-based opioid prescribing guideline was created at a level I trauma center in Iowa with four goals: improve safety, educate providers on opioid prescribing guidelines, improve communication with the patient and health care team, and standardize opioid prescribing while still tailoring to the needs of the patient. An evaluation of the prescribing guideline has demonstrated a significant decrease in the quantity of opioids prescribed to patients following hospitalization for acute injury.</p> <p>Treating SUD and sustaining recovery is also a significant public health initiative. Medication Assisted Treatment (MAT) is a clinically effective treatment for SUD. Pharmacists are uniquely trained to manage patients who are taking MAT to reduce cravings, block euphoric effects of opioids, and normalize body functions. In combination with therapy, these treatment options can significantly impact the lives of Iowans who have been affected by the use of substances.</p> <p>Join Darla Eastman, Associate Professor of Pharmacy Practice at Drake University and Ben Miskle, Psychiatry Pharmacy Specialist at the University of Iowa Hospitals and Clinics as they discuss their roles in these public health initiatives.</p>	Describe the risks associated with opioid use.	Evaluate an opioid prescribing guideline designed to improve patient safety and enhance communication between the prescriber, patient, and health care team.	Compare effectiveness of agents for opioid and alcohol use disorder maintenance therapy.
3/29/23	1:15 PM	<p align="center">Redlined Iowa: Exploring the legacy of institutional racism on contemporary health</p>	Jason	Semprini	<p>This session presents research on historical redlining in Iowa. Beginning in the 1930's, government and financial institutions implemented racist policies to discriminate residential lending and community investments by race/ethnicity/nationality. While this racist practice was banned during the Civil Rights Movement, the lasting impact remains. This study explores the potential impact of redlining on health disparities in Iowa by analyzing newly digitized redlining data to compare social determinant of health metrics by historic redline categories. Social determinants of health metrics include population, income, employment, education, and health status/resource measures from 2009-2019. The presentation concludes by identifying differences in life expectancy by redline category and discussing the potential implications of addressing health inequities in Iowa. Tables and maps will be used to visualize where redlining was most prominent and impactful in Iowa. Attendees will improve their knowledge of health inequities across the state, specifically comparing health statistics and trends among Iowa communities with different redline categories.</p>	Describe residential redlining in Iowa.	Compare social determinants of health trends among Iowa communities with different redline categories.	Discuss the implications of contemporary life expectancy differences by historic redline category.