

**Chelsi Alexander, BSN, MPH**  
**Candidate**

*Presenter ID*  
**2012**

*Session Title, ID, Day & Date, Start Time and Room*

**Legalizing Medical Marijuana through the Utah  
Medical Cannabis Act: A health impact assessment**

*Professional Title*

**Registered Nurse, Graduate Student**

*Organization*

*Contact Information:*

**Email** chelsicalexander@gmail.com

**Phone** (801) 494-4909

*Resume or Biographical Sketch:*

I received a nursing degree from Weber State University and practiced in long-term care and in the acute surgery/transplant hospital setting. I am currently pursuing a Master's in Public Health from Brigham Young University in order to be able to play a role in public health, program planning, the formation of health policies, and health advocacy.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.13	Thu	April 12	10:15	Poster Area

*Description:*

The Utah Medical Cannabis Act has been proposed as a way to legalize medical marijuana use for a wide array of conditions within the state of Utah. This health impact assessment utilizes quantitative and qualitative data and presents various stakeholder perspectives in order to analyze the feasibility and potential impacts of medical marijuana legalization on the health of Utah's population. The health impact assessment team proposes three recommendations for the Utah Medical Cannabis Act to accentuate positive consequences and mitigate negative health impacts: (1) the initiative should limit the qualifying conditions for medical marijuana use to those that have been well researched, including epilepsy, cancer, autism, multiple sclerosis, and post-traumatic stress disorder; (2) the initiative should incentivize state and university level research that takes place surrounding medical marijuana; (3) the initiative should mandate physician education practice and provide standardized patient education materials. With these recommendations in mind, the citizens of Utah should proceed carefully into the new movement of medical marijuana legalization.

*Learning Objectives:*

Participants will understand what the Utah Medical Cannabis Act is and what it is proposing.

Participants will understand the three recommendations the health impact assessment team has formed and understand why they would benefit population health.

Participants will be empowered to make an informed decision when asked to sign the ballot initiative or vote on the policy in November 2018.

**Lauren Anderson, BS**

**Presenter ID**  
**2029**

**Session Title, ID, Day & Date, Start Time and Room**

**Drug Trends: First there was white, then there was pink, now there is grey. How changing drug trends are affecting youth.**

**Professional Title**

**Community Health Educator**

**Organization**

**Weber Human Services**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.09	Thu	April 12	10:15	Poster Area

**Contact Information:**

**Email** laurena@weberhs.org

**Phone** 801-625-3886

**Resume or Biographical Sketch:**

Lauren Anderson has Bachelor of Science degree in Community Health Education from Utah Valley University. She is a Certified Health Education Specialist, is certified in Harm Reduction and Substance Abuse Prevention Skills Training (SAPST), has completed suicide prevention programs including QPR, SafeTALK, ASIST, and Mental Health First Aid, and recently graduated from the National Coalition Academy through the Community Anti-Drug Coalitions of America. She currently works at Weber Human Services as a Community Health Educator in substance abuse prevention and mental health. She is currently doing an internship with the Social Development Research Group to become a Certified Communities That Care Coach. Lauren has a passion for helping people improve their lives through education, advocacy and volunteer opportunities.

**Description:**

Drug trends across the nation continue to evolve and are increasing the danger youth face today. Those drugs that have been seen throughout the decades have progressively increased in potency and ease of use, are often more available, and have such varied sources, that it can be difficult to stay on top of it all. From changes in prescription medication regulations and laws that may be decreasing the perceptions of harm, to paraphernalia you'd never think of watching for; it's a whole new world of drugs out there. Keep yourself in the know. Effective prevention strategies and resources that can help combat all of these new and emerging drugs, are an essential piece of that.

**Learning Objectives:**

By the end of this presentation, participants will discover new and emerging drug trends among our youth today.

By the end of this presentation, participants will learn how to identify accessories and paraphernalia used by young individuals.

By the end of this presentation, participants will learn about specific prevention strategies and what resources are available.

**Kendra Babitz, BA, MPP**

**Presenter ID**  
**2009**

**Session Title, ID, Day & Date, Start Time and Room**

**The Utah Health Policy Tracking System (HPTS) Increases Capacity for Policy Systems and Environmental (PSE) Change Interventions in Utah**

**Professional Title**

**Organization**

**Contact Information:**

**Email** kbabitz@utah.gov

**Phone** 801-538-6750

**Resume or Biographical Sketch:**

Kendra Babitz currently works as the Health Program Policy Specialist with the Comprehensive Cancer Control Program at the Utah Department of Health. In this position, she coordinates policy, systems, and environmental change approaches to reduce the burden of chronic disease in Utah. Kendra has a Masters in Public Policy, and believes the way to achieve sustainable, population-level impact on chronic disease is through effective policy change. During her four years at the Department of Health, she has focused her efforts on providing opportunities for active lifestyles to people of all ages, improving healthy food access, reducing barriers to preventative screening services, and developing a health policy tracking database for Utah policies.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.11	Thu	April 12	10:15	Poster Area

**Description:**

Tracking health-related Utah policies using a centralized, web-based system allows CDC funded chronic disease programs (CDP) and partners to understand the policy landscape and better coordinate policy, systems, and environmental change (PSE) interventions. The HPTS serves as the centralized system that can house all health-related policies in Utah, from state legislation to local business policies, with enhanced features and user interface for framing data for decision makers. This system enables partners to conduct policy scans, identify geographic areas with policy gaps, highlight model policies for replication in other areas of the state, and provide for longitudinal policy tracking research, charting, graphing and mapping capabilities to visualize data. The HPTS was unveiled to CDP partners external to the Utah Department of Health during a policy training in October 2017, and is now incorporating feedback for optimal use to address the unique PSE needs of CDP and its partners. Evaluation of the database development will be conducted in July 2018, but preliminary results show an increased excitement for coordination and commitment by CDP programs and partners to use HPTS data in new ways. Currently, the HPTS has enhanced program and partner capacity to analyze and track policy data. Long-term evaluation of the new features will occur in 2019 to determine if the features led to increased PSE interventions.

**Learning Objectives:**

Participants will learn what the HPTS is, where, and how to access the HPTS database.

Participants will learn how to use the features of the HPTS to enhance PSE efforts, track, and visualize policy data.

Participants will learn how to provide feedback on database features to increase usability by programs and partners.

**James Bemel, PhD, MSPH/HSA**

*Presenter ID*  
**2008**

*Session Title, ID, Day & Date, Start Time and Room*

**Electronic Cigarettes in Utah: Understanding what leads Weber County to rank the highest among users in the state - a comparison study**

*Professional Title*

**Associate Professor**

*Organization*

**Utah Valley University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.01	Thu	April 12	10:15	Poster Area

*Description:*

Electronic cigarettes have become popular since they were introduced to the public, especially among the youth and young adults in the United States. According to the U.S. Department of Health & Human Services (2016), the rate of e-cigarette use among young adults for never users more than doubled from 2013 to 2014. On a local level, Utah also faces an increased rate of youth and young adults using e-cigarettes. According to recent data from the Utah Department of Health, the use of e-cigarettes has increased among young adults from 1.9% to 4.8% from 2012 to 2014 respectively (Utah Health Department, 2016, p.9). The rates of e-cigarette use in Utah are also higher when compared to the national figures, which concerns public health professionals for its consequences to the body. Among the counties, Weber County ranks the highest for e-cigarette use among teens and adults in Utah compared to more populated counties such as Salt Lake and Utah Counties.

In the proposed study, the research team seeks to investigate why Weber County has the highest rate of e-cigarette use among young adult in the state. By understudying the underlying factors related to the increased use of e-cigarettes among youth in Weber County, the researchers will be able to provide the Utah Department of Health with important results that may be used to develop an intervention to decrease e-cigarette use within the target population thereby preventing the negative consequences such as nicotine addiction.

*Contact Information:*

*Email* jbemel@gmail.com

*Phone* 801-863-6578

*Resume or Biographical Sketch:*

Dr. James Bemel received both his Ph.D. in Health Promotion & Education and Masters of Science in Public Health/Health Services Administration from the University of Utah. He currently serves as an Associate Professor in the Department of Public and Community Health at Utah Valley University (UVU) and teaches the Environmental Health, Principles of Community Health, Research Methods, Personal Health & Wellness, and CHES Preparation courses. Prior to working in academia, Dr. Bemel served as the Outreach Coordinator for the Huntsman Cancer Institute's (HCI) Department of Patient and Public Education. During his tenure with HCI, he provided more than 800 presentations educating the public about the prevention and early detection of cancer. He has served on the Utah County Substance Misuse and Abuse Reduction Team and held positions as Executive Chair and Past Chair for the Coalition for a Tobacco-Free Utah (CTFU; now known as the Utah Tobacco-Free or UTFA). James has served on the CTFU/UTFA coalition for fourteen years.

*Learning Objectives:*

By the end of the poster session, participants will be able to analyze at least 3 statistics that will assist in program development and policymaking.

By the end of the poster session, participants will be able to develop strategies to reach the target population in an effort to decrease e-cigarette use.

By the end of the poster session, participants will be able to identify at least three perceptions that might increase the use of e-cigarette use among young adults.

**Erica Bennion**

*Presenter ID*  
**2020**

*Session Title, ID, Day & Date, Start Time and Room*

**Insurance Coverage by Industry**

*Professional Title*

**Intern**

*Organization*

**Utah Department of Health**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>401.04</b>	<b>Thu</b>	<b>April 12</b>	<b>10:15</b>	<b>Poster Area</b>

*Contact Information:*

*Email* ebennion@utah.gov

*Phone* 385-419-8128

*Resume or Biographical Sketch:*

Erica Bennion is a senior studying Epidemiology at Brigham Young University. As an intern at the Utah Department of Health, she works with a team of epidemiologists and evaluators in the Healthy Living through Environment, Policy and Improved Clinical Care (EPICC) program.

*Description:*

Healthcare costs in the U.S. exceed \$3 trillion annually. Insurance is becoming essential for individuals wanting quality medical care. Businesses with 50 or more employees working 30+ hours weekly are required to provide health insurance under the Affordable Care Act. Yet the proportion of uninsured workers remains high in some industries. Variations in coverage by industry may become even more pronounced in 2019 once individual coverage is no longer mandated.

Data from the Utah Behavioral Risk Factor Surveillance System 2013-2015 were used to examine insurance coverage across industries. Analyses were limited to employed or self-employed respondents aged 18 to 64. Respondents were asked to state the industry they worked in and their insurance type. Responses were categorized into 10 industry types and 4 insurance types (employer-provided, government-sponsored, self-paid, and uninsured). Chi-square goodness of fit test was used to compare rates of coverage across industries.

Overall, 14.5% of respondents lacked coverage. Two industries had significantly higher rates of non-coverage – Accommodation/Food Services and Construction (37.2% and 28.2%, respectively;  $p < .05$ ). Not surprisingly, these two industries also had the lowest rates of employer-provided coverage (36.3% and 51.9%, respectively). These rates were significantly lower than the overall rate of 66.9% ( $p < .05$ ).

Lack of health insurance is a barrier for accessing preventive care and treatment. Workers in Accommodation/Food Services and Construction may be particularly vulnerable to non-coverage. Disparities in non-coverage may increase once individual coverage is no longer mandated. Public health interventions may be necessary to ensure that workers have access to employer-sponsored insurance.

*Learning Objectives:*

Audience will know the percentage of working adults under age 65 with no insurance coverage.

Audience will be able to identify variations in insurance coverage rates by industry.

Audience will gain a better understanding of the importance of employer-sponsored insurance.

**Maria Borrero, MD**

**Presenter ID**  
**2027**

**Session Title, ID, Day & Date, Start Time and Room**

**2017 Cancer Conference for the Hispanic/Latino  
Community of Utah: "Salud para mi, es salud para  
mi familia"**

**Professional Title**

**Project Coordinator**

**Organization**

**Dr. Ana Maria Lopez/HCI**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.13	Fri	April 13	10:30	Poster Area

**Description:**

As of 2015, the US census estimated the Hispanic population of the United States to be 56.6 million, of which 40 million report speaking Spanish at home. With an increasing incidence of cancer in the Hispanic population, continued barriers to optimal health, difficulties in information seeking experiences leading to gaps in cancer knowledge, it is imperative to develop culturally tailored initiatives to disseminate cancer information to the Hispanic community. In 2017, Huntsman Cancer Institute, the premier research and clinical center institute in the Intermountain West and Alliance Community Services, a non-profit consulting organization that advocates for ethnic minority communities in Utah, partnered to organize the first of its kind all Spanish language cancer conference for the Hispanic community of Utah. The conference provided a unique opportunity for the local community to attend cancer workshops led by fully bilingual and bicultural healthcare providers, participate in health screenings, and obtain information from local health partners. Community Health Workers had the opportunity to learn more about clinical trials and receive a certificate of completion from HCI. In total, 200 community members attended, 47% returned evaluation forms, of which nearly 100% rated the various cancer information provided (early detection, survivorship, nutrition, physical activity) as excellent or good. Nearly all participants indicated the conference being in Spanish as what they liked most about the event. By engaging a premier research institution, community partners, Community Health Workers, and local healthcare providers, we were able to successfully disseminate cancer information in a culturally tailored manner.

**Contact Information:**

**Email** maria.borrero@hsc.utah.edu

**Phone** 5617978697

**Resume or Biographical Sketch:**

Maria Borrero is a recent medical school graduate from the University of Utah School of Medicine. She currently works with the Cancer Health Equality group at Huntsman Cancer Institute. She plans on pursuing a career in oncology and to focus her research efforts in cancer health disparities.

**Learning Objectives:**

Participants will learn how a culturally tailored cancer conference facilitated by Spanish speaking providers can effectively support health information-seeking experiences among Hispanics in the state of Utah.

Participants will learn how active engagement of local Community Healthcare Workers and partnerships with local Hispanic community organizations are essential for organizing a successful cancer health conference for the Hispanic community of Utah.

Participants will learn how developing and maintaining an active network of diverse healthcare providers is fundamental for successfully addressing the health needs of the Hispanic community of Utah.

**John Bramble, MLIS**

*Presenter ID*

**2001**

*Session Title, ID, Day & Date, Start Time and Room*

**NIH All of Us Research Program & Public Access to Quality Health Information**

*Professional Title*

**Research Enterprise Coordinator**

*Organization*

**University of Utah**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.01</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Contact Information:*

*Email* john.bramble@utah.edu

*Phone* 801 585 5743

*Resume or Biographical Sketch:*

John Bramble is a health sciences librarian at the University of Utah Eccles Health Sciences Library. He has held a variety of positions during this time, starting in reference and outreach services. In 2006 he started working on the library's contract with the National Library of Medicine to help carry out the National Network of Libraries of Medicine MidContinental Region outreach program. John's primary role is educating groups on NLM resources. John shares a portion of his time managing the University of Utah Health U-Bar project. John specializes on educational and communication technologies and provides instruction on accessing quality/authoritative health related online resources for all audience levels, from laypersons to biomedical researchers. He provides instruction to small and large groups, in-person or online synchronous/asynchronous classrooms, and self-directed online learning modules. John is a Master's student in the University of Utah Biomedical Informatics program and plans to graduate in Fall 2018.

*Description:*

This session will discuss the impact of the public's access to quality health information and the All of Us Research Program, a historic effort to gather data from one million or more people living in the United States to accelerate research and improve health. By taking into account individual differences in lifestyle, environment, and biology, researchers will uncover paths toward delivering precision medicine. Participants will learn about this program, the role health information has on the public's view on participating in health based research, and how health sciences and public librarians are making efforts to improve the public's health information literacy.

*Learning Objectives:*

Participants will gain an increased awareness of the NIH All of Us Research Program.

Participants will gain an increased awareness of the role health information has on the public's view on participating in health based research.

Participants will gain an increased awareness of the role health sciences and public librarians play in health information literacy efforts.

**Tiffany Brinton, CHES ®, AE-C,  
MPH Candidate**

**Presenter ID  
2003**

**Session Title, ID, Day & Date, Start Time and Room**

**Asthma Home Visiting Program Expansion Project  
(Mini Grant Awardee)**

**Professional Title**

**Health Educator**

**Organization**

**Salt Lake County Health Department**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.06	Thu	April 12	10:15	Poster Area

**Description:**

Salt Lake County Health Department received one of UPHA mini grants in order to expand the current efforts of the Utah Asthma Home Visiting Program to reach disparate populations in Salt Lake County. After looking at the prevalence of asthma among minority populations, it was decided that Spanish speakers would be the target of this expansion project. The funds were used to hire a Spanish Speaker to both administer and promote the program to the Hispanic population. To encourage participation of the Hispanic population, outreach efforts were conducted to increase the amount of Spanish speaking participants we served and improve health care access to this minority group. Local clinics and community groups were also engaged and encouraged to send us their Spanish speaking clients.

**Contact Information:**

**Email** tbrinton@slco.org

**Phone** 385-468-5285

**Resume or Biographical Sketch:**

Tiffany Brinton works at Salt Lake County Health Department in the Asthma Program where she has been implementing an asthma home visiting program for the last 3 years. She graduated from the University of Utah in Health Promotion and Education where she also earned her Certified Health Education Specialist accreditation. She is currently pursuing her Master's degree at the University of Utah and recently became a Certified Asthma Educator.

**Learning Objectives:**

Participants will learn more about the Utah Asthma Home Visiting program and it's initial outcomes.

Participants will learn different methods of outreaching a health program.

Participants will be able to understand why including Spanish speakers is so critical to helping the burden of asthma in Utah.



**Nikki Campbell, BS, CHES ®**

*Presenter ID*

**2018**

*Session Title, ID, Day & Date, Start Time and Room*

**Where We Live, Work & Play- Environmental Public Health in Utah**

*Professional Title*

**Health Educator**

*Organization*

**Utah Environmental Public Health Tracking Network,  
Utah Department of Health**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.08</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Contact Information:*

*Email* ncampbell@utah.gov

*Phone* 8017034642

*Description:*

The Utah Environmental Public Health Tracking Network is a dynamic, publicly accessible data repository. This poster would display data types offered by the UEPHTN and at least one success story in the realm of either lead or radon work and partnership.

*Resume or Biographical Sketch:*

Nikki Campbell is a health educator with the Utah Environmental Public Health Network at the Utah Department of Health. She attended the University of Utah and majored in Health Promotion and Education.

*Learning Objectives:*

Participants will learn about data types on the UEPHTN online data portal (<http://epht.health.utah.gov>).

Participants will learn about application of environmental health data.

Participants will learn about environmental public health work and its status in Utah.

**Eric Christensen, MPH**

**Presenter ID**  
**2010**

**Session Title, ID, Day & Date, Start Time and Room**

**Prevalence of Children with Special Health Care Needs in Utah (2016) and Availability of Medical, Behavioral Health, and Specialty Services by Local Health District**

**Professional Title**

**Health Program Manager**

**Organization**

**Utah Department of Health**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.12	Thu	April 12	10:15	Poster Area

**Description:**

The Federal Maternal and Child Health Bureau (MCHB), in collaboration with the U.S. Census Bureau conducted the national Survey of Children's Health (NSCH) in 2016. The purpose of the survey is to assess the health status of children under 18 years of age. A five-question screener is utilized in the current survey instrument to parse out children and youth who have special health care needs (CSHCN). MCHB defined children with special health care needs as "...those who have or are at increased risk for a chronic physical, developmental, behavioral, or emotional condition and who also require health and related services of a type of amount beyond that required by children generally."

The 2016 NSCH revealed that on average, 19.4% of children ages 1-17 have special health care needs nationally. Although Utah's rate is lower than the nation, 16.4% or about 1 in 6, are identified as having a special health care need. This equates to roughly 151,170 children around the state.

Utah's rural and frontier nature contribute to a paucity of care for CSHCN including pediatrics, behavioral health, and specialty services in areas outside the Wasatch Front. Children with special health care needs residing in these areas frequently must travel long distances to receive the specialized care they require.

A map of Utah, divided by local health district, will display the number of CSHCN residing in each area. Color-coded symbols will be superimposed to demonstrate where primary care and specialty services are located throughout the State.

**Learning Objectives:**

Participants will gain an understanding of the prevalence of children with special health care needs in Utah.

Participants will be able to visualize the numbers of children with special health care needs residing within each local health district.

Participants will become aware of where primary care and specialized services are located around the state, and more importantly, where they are not found.

**Contact Information:**

**Email** echristensen@utah.gov

**Phone** 801-273-2951

**Resume or Biographical Sketch:**

Eric Christensen is the manager of Utah Department of Health's Integrated Services program which provides comprehensive care coordination to children and youth with special health care needs around the State. Eric also manages the Rural Traveling Clinics which provides direct specialty care, support, and expertise to children and youth with special health care needs and their families residing within four rural and frontier health districts in Utah. Prior to 2015, Eric managed direct care clinics for the Bureau of Children with Special Health Care needs. Eric has also worked in community health centers both in Salt Lake City and Great Falls, Montana; program direction for patients with HIV and AIDS; and training and certification of Emergency 911 dispatchers and providers. Eric is fluent in Spanish and enjoys interactions with patients and families where Spanish is the preferred language at home. He has a passion for working with the underserved and underinsured especially in our rural communities.

**Camille Collett, MD**

**Presenter ID**  
**2002**

**Session Title, ID, Day & Date, Start Time and Room**

**Perceived Barriers to Advanced Care Planning in a Hospital Setting**

**Professional Title**

**Family Physician, MPH Graduate Student**

**Organization**

**Westminster College**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.15</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

**Description:**

Advance care planning (ACP) is the process of making decisions about the care an individual desires based on personal values and preferences in order to provide direction for care when they are unable to communicate. Medical providers are instrumental in initiating the advance care planning (ACP) process, however the extent of their involvement varies and ACP often remains unaddressed. The aim of this study was to investigate the perceived attitudes, beliefs and barriers of medical professionals in regards to ACP in an acute care hospital setting. Using a cross-sectional mixed method study design, focus groups and surveys were utilized with various healthcare professionals (nurses, licensed clinical social workers/case managers, pastoral care, and medical providers) to measure and analyze attitudes on ACP. Surveys and focus groups were modeled on the Theory of Planned Behavior.

**Contact Information:**

**Email** camicollett@gmail.com

**Phone** 801-245-9759

**Resume or Biographical Sketch:**

Dr. Camille Collett was raised in Colorado and came to Utah to attend Westminster College. Her medical training was at the University of Utah Medical Center and Family Medicine Residency at Holy Cross Hospital in Salt Lake City, Utah. She completed a Family Medicine Fellowship and joined the faculty at the University of Utah Department of Family and Preventive Medicine 1986 -1990. She was involved in the development of the Family Medicine Residency that is now based at St. Mark's Hospital 1990 - 2000. For 10 years she was a family physician at the Salt Lake Community Health Centers. She rejoined the faculty at St. Mark's Family Medicine Residency in September 2011. She is currently enrolled in the Masters of Public Health Program at Westminster College. In May 2018, she will graduate with her MPH. She is married and has one adult son.

**Learning Objectives:**

Participants will learn about the current process of advance care planning (ACP) in acute care hospital settings.

Participants will gain understanding of the medical provider's role and importance in the ACP process.

Participants will learn how the advance care planning process may be improved in acute care hospital settings, based on research in an acute care hospital setting.

**Zoey Gray, BS Candidate**

**Presenter ID**  
**2015**

**Session Title, ID, Day & Date, Start Time and Room**

**Perceived Barriers and Issues of Access to  
Community Gardens in Salt Lake City: A mixed-  
methods analysis**

**Professional Title**

**Organization**

**Contact Information:**

**Email** zig1024@westminstercollege.edu

**Phone** 7753159783

**Resume or Biographical Sketch:**

Zoey Gray is an undergraduate student at Westminster College. She will graduate in May with a Bachelors of Science in Public Health. Her current research is on issues of access to community gardens for underserved populations in Salt Lake County.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.03	Thu	April 12	10:15	Poster Area

**Description:**

The role of community gardens in public health has recently become a topic of interest in public health literature. Much of this interest focuses on the physical and perceived benefits of community gardening, as well as on the development of social capital via community gardens. However, very little research has focused on the barriers that decrease access to community gardens, or on the possible discrepancies between community garden users and neighborhood populations around community gardens. This mixed methods study focused on the comparative demographics between neighborhoods and community garden users in Salt Lake City, Utah using geographic information systems (GIS). Particular attention was paid to areas where community garden users do not represent the majority demographics of the neighborhood population surrounding the community garden. Based on this analysis, interviews were conducted in areas where such a discrepancy exists to better understand issues of accessing community gardens, particularly for low-income and diverse racial and ethnic populations. Some of the main barriers identified include: lack of time, false assumptions about community gardens, lack of garden dependence, and low prioritization of the social benefits of community gardens. Some recommendations for increasing access include: increasing community awareness of gardens, targeting assumptions with intentional spread of information, and inviting previously formed social groups to use community garden spaces collectively.

**Learning Objectives:**

Participants will learn to understand the discrepancies between the demographics of Salt Lake County census block groups and the demographics of community garden users.

Participants will learn to identify the perceived barriers and self-efficacy issues that keep community members from using community gardens in Salt Lake County.

Participants will learn to recognize strategies to overcome perceived barriers involved in using community gardens and how these strategies may be used to increase garden participation, particularly among underserved groups in Salt Lake County.

**Marci Harris, MPH/MPP**  
**Candidate**

**Presenter ID**  
**2005**

**Session Title, ID, Day & Date, Start Time and Room**

**Utah Refugee Perceptions of Pain and Access to Medication Across Geographic Transitions**

**Professional Title**

**Organization**

**Contact Information:**

**Email** harrismarci@gmail.com

**Phone** 801-347-8242

**Resume or Biographical Sketch:**

Marci is a current University of Utah student working on a dual master's in public health and public policy. She has worked on a number of projects including global health research in Ghana. Her current research is mostly done with the Center for Research on Migration and Refugee Integration (CRMRI). She hopes to continue in the public health field working towards a PhD.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.08	Thu	April 12	10:15	Poster Area

**Description:**

This project describes the perception and management of acute pain experienced by refugees settled and resettled in Utah. We sought to understand what types of pain were experienced by refugees and what the access to pain medications was in their country of origin, refugee camp if applicable, and is now in Utah. We examined how access, utilization, and the perception of pain have changed through each transition. During the spring and summer of 2017, we conducted field research in health fairs, community centers, and clinics held in various locations across Utah. The interviews were performed using a modified form of the Brief Pain Inventory<sup>1</sup> which is used widely to assess pain, along with a supplemental survey with questions about country of origin and refugee camp status. The interviews were coded for interpretation and analysis. This was the first assessment of refugee pain perception and management comparing demographic history. Different from their n native or refugee camp experience, opioids are widely available in the US. Because opioid use can lead to addictive behaviors, it is important to understand refugee's experiences with pain and access to medication, as well as what research, programs, or interventions are needed to give them more knowledge about interacting with the US health system.  
(1) Cleeland, CS., (1991) "Brief Pain Inventory" Pain Research Group.

**Learning Objectives:**

Participants will learn to evaluate how access to pain medication, utilization of pain medication, and the perception of pain have changed through each transition for the refugee population in Utah.

Participants will learn to identify the types of medication refugees had at each transition.

Participants will learn to understand the types of pain experienced by refugees and what the access to pain medications was in their country of origin, refugee camp, and now in Utah.

**Rachael Hemmert, MSPH**

**Presenter ID**  
**2025**

**Session Title, ID, Day & Date, Start Time and Room**

**Identifying Facilitators and Barriers to Pregnancy Intention Screening among Community Health Workers**

**Professional Title**

**Research Analyst**

**Organization**

**University of Utah**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.11	Fri	April 13	10:30	Poster Area

**Description:**

In the United States, 37% of pregnancies are unintended. Unintended pregnancies have been associated with low birth weight in the infant and increased rates of physical abuse for the mother. In order to mitigate the number of unintended pregnancies, The Oregon Foundation for Reproductive Health developed an algorithm called One Key Question®, to assess pregnancy intentions in reproductive-aged women and facilitate appropriate follow-up contraceptive or pre-conception care. Our objective was to assess facilitators and barriers for pregnancy intention screening using the One Key Question® algorithm among community health workers (CHWs) in Utah. We conducted two focus groups with Spanish and English-speaking CHWs. Each group received training from the Utah Department of Health describing the importance of preconception and contraception women's health as well as a detailed description of the One Key Question® algorithm. The focus groups identified the following facilitators to using One Key Question: using trusted community leaders to help assess pregnancy intention; including men in reproductive responsibilities; and providing culturally appropriate education materials in different languages. Barriers to using the One Key Question algorithm were lack of acceptance of referral care among women of color screened by CHWs due to mistrust of the medical system, lack of CHW knowledge about preconception health, and access to affordable contraception. Our study will enable community health workers who work with reproductive-aged women to conduct a culturally appropriate and more effective pregnancy intention screening.

**Contact Information:**

**Email** rachael.hemmert@nurs.utah.edu

**Phone** 801-386-3643

**Resume or Biographical Sketch:**

Rachael Hemmert is a Research Analyst for the College of Nursing and the Division of Public Health at the University of Utah. Her research interests include women's health, infertility, and environmental health.

**Learning Objectives:**

Participants will learn why pregnancy intention screening is important.

Participants will learn what is the One Key Question algorithm.

Participants will learn what the facilitators and barriers are to implementing One Key Question pregnancy screening.

**Taylor Hoj, MPH Candidate, BS**

*Presenter ID*  
**2024**

*Session Title, ID, Day & Date, Start Time and Room*

**Evaluating the Substance Use Treatment Episode Data Set as a Predictor of Homelessness**

*Professional Title*

**MPH Graduate Student**

*Organization*

**Brigham Young University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.10	Fri	April 13	10:30	Poster Area

*Contact Information:*

*Email* taylorhoj@gmail.com

*Phone* 801-903-3502

*Resume or Biographical Sketch:*

Taylor Henning Høj was born and raised in Salt Lake City, Utah. Prior to his college experience, he served as a missionary for The Church of Jesus Christ of Latter-day Saints in Iceland where he learned and spoke Icelandic. He recently graduated from Brigham Young University in Physiology and Developmental Biology with a minor in Scandinavian Studies. During his undergraduate studies, he enjoyed studying abroad in Copenhagen, Denmark during the summer of 2014, where he took a 6-week intensive language course and studied the history and culture of Denmark. He has also enjoyed teaching the Icelandic language courses at Brigham Young University and volunteering as an Emergency Medical Technician on campus.

Over the course of his university experience, his initial goal of medical school has evolved to include a broader perspective of medicine and health care. Prior to medical school, he will complete a master's degree in public health, which he hopes will prepare him to not only influence positive change on a microscopic patient level, but also on a macroscopic community level. By integrating a public health perspective into his education and practice, he hopes to contribute to the optimization of health care and the elimination of needless suffering. When not studying, he enjoys spending time with his wife and family, cycling in one of the many nearby canyons, and interrupting the routine of everyday life by escaping to the outdoors.

*Description:*

Substance use disorders can greatly affect the ability to obtain and retain appropriate housing. Professionals providing substance use treatment often provide housing assistance by prioritizing clients according to their risk for remaining or becoming homeless. Existing methods of determining this risk are time-intensive and require additional staff time and training. The purpose of this study was to determine whether the Substance Abuse and Mental Health Services Administration Treatment Episode Data Set (TEDS) can be used as a resource for prioritizing clients for housing assistance. TEDS records from 1,862 treatment episodes for 1,642 clients in publicly-funded substance use disorder treatment programs in Utah County, Utah was used for this study. For at least one admission or discharge, 185 clients indicated that they lived on the street or in a homeless shelter. Initially, 202 treatment episodes began with homelessness, of which 60 were homeless at discharge. In addition, there were 73 treatment episodes in which housed clients became homeless before completing treatment. As more patients became homeless than remained homeless, future case management and housing assistance efforts may benefit from preventing clients from becoming homeless as well as housing those already homeless. Logistic regression revealed a statistically significant association between being homeless at discharge and being homeless at admission ( $P < .001$ ), older age (45+) ( $P < .01$ ), methamphetamine as primary drug of choice ( $P < .05$ ), and diagnosis with axis I or axis II psychiatric disorders besides substance use disorders ( $P < .05$ ). These associations indicate that TEDS data may be predictive of homelessness over the course of treatment.

*Learning Objectives:*

Participants will learn to understand the challenges associated with prioritizing limited housing resources according to the substance use clients' risk for remaining or becoming homeless.

Participants will learn that future substance use case management and housing assistance efforts may benefit from preventing clients from becoming homeless as well as housing those already homeless.

Participants will learn to understand the potential of the readily-available Treatment Episodes Data Set (TEDS) for use as a resource for prioritizing substance use clients for housing assistance and its potential to reduce the need for additional time

**Taylor Hoj, MPH Candidate, BS**

*Presenter ID*  
**2026**

*Session Title, ID, Day & Date, Start Time and Room*

**Health Impact Assessment: The proposed elimination of the Utah state food tax**

*Professional Title*

**MPH Graduate Student**

*Organization*

**Brigham Young University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.12	Fri	April 13	10:30	Poster Area

*Description:*

Utah Representative Tim Quinn (Republican - District 54) has recently proposed a policy to eliminate the 1.75% state food sales tax while increasing the state merchandise sales tax rate by 0.24%. Such a proposal would bring the food sales tax rate down from the current 3.00% to 1.25% and raise the merchandise sales tax rate up from 4.7% to 4.94%. This proposed tax reform is intended to reduce the costs associated with purchasing food, particularly for low-income households. The purpose of this Health Impact Assessment was to assess the potential health impacts of eliminating the Utah state food sales tax. Our findings indicate that eliminating the state food sales tax will save the average household in Utah approximately \$90 per year, or \$1.73 per week. However, for those in the bottom income quintile, this amount would be approximately \$44.81 per year, or \$0.86 per week. Such savings would then be further reduced by the 0.24% increase in cost for products taxed at the merchandise sales tax rate. Because low-income households typically spend a greater percentage of their income on food when compared to higher-income households, this policy would slightly shift the tax burden from the low-income households to the higher-income households. Therefore, low-income households would be given slightly improved opportunities to afford nutritious foods, though no evidence was found to support the claim that people with minimally increased funds would directly improve the average nutritional value of food purchased or decrease mental and physical health problems.

*Contact Information:*

*Email* taylorhoj@gmail.com

*Phone* 801-903-3502

*Resume or Biographical Sketch:*

Taylor Henning Høj was born and raised in Salt Lake City, Utah. Prior to his college experience, he served as a missionary for The Church of Jesus Christ of Latter-day Saints in Iceland where he learned and spoke Icelandic. He recently graduated from Brigham Young University in Physiology and Developmental Biology with a minor in Scandinavian Studies. During his undergraduate studies, he enjoyed studying abroad in Copenhagen, Denmark during the summer of 2014, where he took a 6-week intensive language course and studied the history and culture of Denmark. He has also enjoyed teaching the Icelandic language courses at Brigham Young University and volunteering as an Emergency Medical Technician on campus.

Over the course of his university experience, his initial goal of medical school has evolved to include a broader perspective of medicine and health care. Prior to medical school, he will complete a master's degree in public health, which he hopes will prepare him to not only influence positive change on a microscopic patient level, but also on a macroscopic community level. By integrating a public health perspective into his education and practice, he hopes to contribute to the optimization of health care and the elimination of needless suffering. When not studying, he enjoys spending time with his wife and family, cycling in one of the many nearby canyons, and interrupting the routine of everyday life by escaping to the outdoors.

*Learning Objectives:*

Participants will learn to understand the state food sales tax reform proposed by Representative Tim Quinn (Republican - District 54).

Participants will learn to understand how the proposed elimination of the state food sales tax would impact households at both low-middle- and high-income levels.

Participants will learn to understand the potential magnitude for impact that the proposed elimination of the state food sales tax on the health of Utahns.



**Taylor Hoj, MPH Candidate, BS**

*Presenter ID*  
**2028**

*Session Title, ID, Day & Date, Start Time and Room*

**E-bikes and Traditional Bikes: A pilot study comparison of the health benefits, attitudes, and perceptions**

*Professional Title*

**MPH Graduate Student**

*Organization*

**Brigham Young University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.14	Fri	April 13	10:30	Poster Area

*Description:*

Health authorities have promoted active transportation as one possible response to addressing the obesity epidemic. A typical electric bicycle (e-bike) has a small electric motor that functions as a pedal-assist, only engaging when the individual pedals. The motor's small contribution helps a rider to commute greater distances more quickly than on a traditional bicycle, all while perspiring less. Because of this, it is thought that e-bikes may promote health among individuals who are otherwise reluctant to engage in physical activity or use active forms of transportation. The purpose of this study was therefore twofold: (1) determine the proportion of health benefits retained when using an e-bike compared to using a traditional bicycle and (2) understand how participants' attitudes and perceptions of e-bikes compare to those of traditional bicycles after comparable rides on both bike types. Participants' mean average heart rate while on the e-bike was 6.21 beats per minute lower than on the traditional bicycle ( $P=0.04$ ). In addition to addressing the barrier of time, participants believed they were significantly more able to ride an e-bike than a traditional bicycle on most days, in the cold, when tired, when dressed in formal attire, when carrying personal effects, on longer trips, and on steep terrain. Our findings indicate that e-bikes may still provide much of the physical health benefits obtained during traditional bike use. While still providing an opportunity for physical activity, e-bikes may help reduce some of the obstacles to traditional bicycle use.

*Contact Information:*

*Email* taylorhoj@gmail.com

*Phone* 801-903-3502

*Resume or Biographical Sketch:*

Taylor Henning Høj was born and raised in Salt Lake City, Utah. Prior to his college experience, he served as a missionary for The Church of Jesus Christ of Latter-day Saints in Iceland where he learned and spoke Icelandic. He recently graduated from Brigham Young University in Physiology and Developmental Biology with a minor in Scandinavian Studies. During his undergraduate studies, he enjoyed studying abroad in Copenhagen, Denmark during the summer of 2014, where he took a 6-week intensive language course and studied the history and culture of Denmark. He has also enjoyed teaching the Icelandic language courses at Brigham Young University and volunteering as an Emergency Medical Technician on campus.

Over the course of his university experience, his initial goal of medical school has evolved to include a broader perspective of medicine and health care. Prior to medical school, he will complete a master's degree in public health, which he hopes will prepare him to not only influence positive change on a microscopic patient level, but also on a macroscopic community level. By integrating a public health perspective into his education and practice, he hopes to contribute to the optimization of health care and the elimination of needless suffering. When not studying, he enjoys spending time with his wife and family, cycling in one of the many nearby canyons, and interrupting the routine of everyday life by escaping to the outdoors.

*Learning Objectives:*

Participants will learn to understand the potential of e-bikes in promoting physical activity among individuals who are otherwise reluctant to engage in physical activity or use active forms of transportation.

Participants will learn to understand the proportion of health benefits retained when riding an e-bike compared to riding a traditional bicycle.

Participants will learn to understand how e-bikes may help to reduce some of the obstacles associated with traditional bicycle use.

**Andrea Jensen, CHES ®, AE\_C**

**Presenter ID**  
**2004**

**Session Title, ID, Day & Date, Start Time and Room**

**Role of Cleaning Supplies in the Asthma Home Visit Program**

**Professional Title**

**Asthma Program Coordinator**

**Organization**

**Utah County Health Department**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.07	Thu	April 12	10:15	Poster Area

**Description:**

To improve asthma control among children and adolescents the Community Preventive Service Task Force recommends an environmental intervention that focuses on multi-trigger, multi-component projects. A meta-analysis of these interventions has shown they decrease: asthma symptoms days, missed school days, acute health care visits, unscheduled office visits, emergency department visits and hospitalizations. Conversely, symptom free days and productivity increased, resulting in health care costs savings. The Utah Asthma Program will evaluate how part of their home visiting intervention focused on remediation of triggers such as cleaning mold and dust with asthma friendly cleaning products can help those suffering with asthma. The evaluation will assess the frequency and usefulness of the cleaning products to better understand how the program can affect behavior change related to trigger remediation and how cleaning products have helped improve asthma management. Data collection will be ongoing and used to improve our program.

**Contact Information:**

**Email** andrea.j@utahcounty.gov

**Phone** 801-851-7509

**Resume or Biographical Sketch:**

Andrea M. Jensen, CHES ®, AE-C, has been a Health Educator at the Utah County Health Department since 2009. She received her Certified Asthma Educator (AE-C) credential in 2016 which helps her coordinate their Asthma Home Visit Program. She is past chair of the Utah Asthma Task Force and current Editorial Board Member of the national Allergy & Asthma Network, reviewing articles for their quarterly publication, "Allergy & Asthma Today."

She is the Past President of the Utah Chapter of the Society of Public Health Education (USOPHE.)

Her blog, "My Life as an Asthma Mom", has been nationally recognized by Healthline as one of the top 10 asthma blogs for the last 6 years. It was recently included in NIH's U.S. National Library of Medicine.

Andrea's Public Health career came as a direct result of wanting to help other families learn more about asthma. Asthma education is not just a job, it's also personal since she has lived with asthma all her life and managed her three children's asthma for the last 18 years.

Asthma and allergies have become her passion, and now helping others is her career.

**Learning Objectives:**

Participants will learn about the cost-effectiveness of multi-trigger and multicomponent interventions. Participants will learn how environmental interventions can decrease asthma symptoms and improve asthma control.

Participants will learn how environmental interventions can decrease asthma symptoms and improve asthma control.

Participants will learn about the UAP cleaning product assessment tool and understand how the data will be used to improve the program.

**Merilee Larsen, BS, MPH, DrPH**

*Presenter ID*  
**2014**

*Session Title, ID, Day & Date, Start Time and Room*

**Health Knowledge of Students Prior to 7th Grade Health**

*Professional Title*

**Assistant Professor**

*Organization*

**Utah Valley University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.05</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

**Abstract:** School health education is an effective tool to mitigate childhood health issues. Health is part of the required curriculum in elementary schools in Alpine School District, Utah. This study examined the time spent teaching health and what is or is not being covered of the health curriculum.

**Methods:** A mixed-methods design was used, including a qualitative focus group and quantitative surveys done with teachers. A total of 140 teachers from Alpine School District in Utah participated.

**Results:** The majority (70%) of elementary school teachers surveyed teach health less than 30 minutes per week which is well under the 90 minute per week national average. There are also gaps in student content knowledge as there are topics not being covered by over 80% of teachers from third through sixth grades.

**Topics including:** refusal skills, HIV awareness, nutrition labels, vitamins and minerals, and universal precautions.

**Conclusion:** Priority instructional time ought to be given to health, resources need to be used which integrate health into core topics, teacher knowledge of the health curriculum needs emphasis, and the school and districts need to support health education. Gaps in student health knowledge leave children uneducated and unprepared to make health-related decisions that could have lifelong consequences.

*Contact Information:*

**Email** merilee.larsen@uvu.edu

**Phone** 801-372-6935

*Resume or Biographical Sketch:*

Merilee completed her undergrad at Utah Valley State College and her Masters of Public Health and Doctorate of Public Health at Loma Linda University. Merilee has been teaching at UVU for 18 years and she has also taught at the University of Utah and in private industry. Merilee consults for the Utah Department of Health in the Bureau of EMS and Homeland Security. Merilee also teaches Yoga and has done so for the last 18 years. She is married and has a 5-year-old little boy and one on the way. In her spare time, she likes to do anything outdoors, read, and travel.

*Learning Objectives:*

Participants will learn which areas of the health curriculum are not being taught in elementary schools.

Participants will understand the lack of time being devoted to health education in elementary schools.

Participants will be able to help prevent gaps in childhood health knowledge by teaching these things in the home, or talking to their child's teachers or administrators about implementing health back into the classroom.

**Mikelle Lloyd, BS Candidate**

*Presenter ID*  
**2022**

*Session Title, ID, Day & Date, Start Time and Room*

**Lactation Accommodations at the SLC International Airport: An advocacy project**

*Professional Title*

**Undergraduate student**

*Organization*

**BYU**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.04</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

Domestically, many U.S. airports provide access to facilities for lactating mothers while working or travelling. The benefits of breastfeeding have long since been established to include boosting infant immune function, and physical and emotional development (Oddy, et al. 2010; Salone, et al. 2013). In a nationwide study, 62% of airports self-identified as lactation accommodating. However, only 8% met minimum lactation room requirements (Haight & Ortiz, 2014). Each lactation room must be "a private and sanitary place" separate from bathrooms with "an electrical outlet, chair, (and) nearby access to running water" (Department of Health and Human Services, 2017). Denver International Airport and San Francisco International Airport set an example of progress in lactation accommodation by providing physical signage and online information indicating the location of lactation rooms for working and travelling mothers in addition to meeting DHHS standards. Currently, accommodation options at SLC-IA are connected to bathroom facilities, lack proper signage, and are difficult to locate within each concourse.

This advocacy project seeks to improve the quality and availability of space for lactating women who travel or work at SLC-IA. In addition to comparing SLC-IA with other airports, we will provide progress on our advocacy efforts at SLC-IA. We have met and are in discussions with Bill Wyatt, CEO of the SLC International Airport. Together, we are outlining needed changes to current facilities at SLC-IA, including improved accessibility, signage, and updated accommodations to meet federal standards as part of the current airport construction at SLC-IA.

*Learning Objectives:*

Participants will learn the criteria for lactation accommodation.

Participants will gain awareness of unmet lactation accommodation needs at the SLC Airport & ongoing advocacy efforts.

Participants will learn the process of advocating within a large agency.

*Contact Information:*

*Email* mikelle.lloyd@gmail.com

*Phone* 801-473-3630

*Resume or Biographical Sketch:*

Mikelle is a graduating senior at BYU studying public health with an emphasis in health promotion. She currently works in the Utah County Department of Drug and Alcohol Prevention and Treatment. She also does research in geographic information systems (GIS) and health promotion, including a health advocacy project in mother lactation accommodations at the SLC International Airport. She is interested in substance abuse and women's health issues.

**Makenzie Lock, BS Candidate**

**Presenter ID**  
**2006**

**Session Title, ID, Day & Date, Start Time and Room**

**Breast Cancer Among NHPI Women in Salt Lake City**

**Professional Title**

**Organization**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.10	Thu	April 12	10:15	Poster Area

**Contact Information:**

**Email** kenzie.lock07@gmail.com

**Phone** 801-400-0785

**Resume or Biographical Sketch:**

Makenzie is currently a senior at Westminster College. She served an LDS mission in the Patagonia of Argentina from 2014-2016. This research topic is special to her because she is Hawaiian and various members of her family have had breast cancer. She will graduate with her Bachelor's in Public Health this May.

**Description:**

Background: Native Hawaiian Pacific Islander (NHPI) women have significantly higher incidence and mortality rates of breast cancer when compared to other races in the state of Utah.

Methods: A cross-sectional observational research study was conducted in order to better understand health practices and perceptions surrounding breast cancer among adult NHPI females. Researchers created and distributed surveys based on the Health Belief Model (HBM) in person and via social media (n = 79).

Results: Analysis showed that 42.9% of NHPI and 32.7% of White women had received a mammogram in the previous two years. Twenty five percent of NHPI women believed they had a high risk for breast cancer, as opposed to only 2% of White women, and 53.9% of NHPI women said that they had a family history of breast cancer, compared to White women. Furthermore, women with higher income were more likely to receive a mammogram than those with lower incomes, and women with Primary Care Providers (PCPs) and Obstetricians or Gynecologists (OBGYNs) were also more likely to receive mammograms than those without these care providers.

Discussion: Programs that facilitate breast cancer prevention and initiate contact with PCPs and OBGYNs may help lower mortality rates for breast cancer due to early detection. Further research with a larger sample size of NHPI women is needed to better understand this disparity.

**Learning Objectives:**

Participants will better understand health disparities for Breast Cancer between minority groups in Utah.

Participants will better understand barriers that prevent women from getting mammograms.

Participants will leave with possible ideas to implement within the community to better the health of NHPI women and lower mortality rates for breast cancer.

**Lynn Martinez, BS**

**Presenter ID**  
**2019**

**Session Title, ID, Day & Date, Start Time and Room**

**Are Pregnant Women Calling MotherToBaby Utah  
Receiving Dental Care? A pilot survey**

**Professional Title**

**Teratology Information Specialist**

**Organization**

**MotherToBaby Utah**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>401.05</b>	<b>Thu</b>	<b>April 12</b>	<b>10:15</b>	<b>Poster Area</b>

**Description:**

Federal government strongly encourages states to coordinate the programmatic activities for the Maternal and Child Health (MCH) population, across various programs, to reach the National Performance Measure Goal (NPM13A: Dental Visit) and to improve service delivery for the population. It is becoming increasingly critical for public health programs to collaborate with community partners to maximize resources and to implement sound strategy for delivering targeted optimal care.

This pilot study represents a collaborative project among the Oral Health, the MotherToBaby Utah and Data Resources programs at the Utah Department of Health. To determine what proportion of pregnant women in Utah visit their dentist, a survey of currently pregnant callers to the MotherToBaby Utah program was conducted. Between September, 2016 and the end of December, 2017, pregnant callers were asked if they had seen their dentist and if not, what were the factors that prevented them seeking the care. Responses from over 400 pregnant women were received and collated and are presented, along with lessons learned and conclusions. A description of plans to implement a more extensive survey will also be presented.

**Contact Information:**

**Email** lynnmartinez@utah.gov

**Phone** 801-328-2229

**Resume or Biographical Sketch:**

Ms. Martinez has worked in women's reproductive health for over 45 years. Nearly 35 of them at the MotherToBaby Utah program. She is a former President of the Organization of Teratology Information Specialists, the former State Genetics Coordinator for the Utah Dept of Health and a former board member of the Mountain States Regional Genetic Services Network.

**Learning Objectives:**

Will learn how programs within the Utah Dept of Health can collaborate effectively

Will better understand reasons pregnant women do not receive dental care

Will be able to articulate challenges to effective collaboration

**Megan McDowell , BSN, RN**

**Presenter ID**  
**2013**

**Session Title, ID, Day & Date, Start Time and Room**

**Developing Anticipatory Guidance to Facilitate Optimal Care Transition Outcomes for Adolescents with Type 1 Diabetes**

**Professional Title**

**DNP Student**

**Organization**

**University of Utah Student**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.14	Thu	April 12	10:15	Poster Area

**Description:**

**Background:** Emerging adults with type 1 diabetes (T1D) are at increased risk of poor health outcomes as they transition from pediatric care providers. This is in part due to the complexities of young adult life as individuals with T1D enter the workforce, leave home, or start college while learning to manage the disease on their own.

**Purpose:** The primary aim of this project is to develop anticipatory guidance material for adolescents with T1D and their parents to support optimal transition of care into adulthood.

**Methods:** Thirty adults, ages 24-35, who lived with T1D during their adolescent years, were recruited from the diabetes online community. Participants were invited to complete a survey regarding their experience with care transition to identify the barriers and facilitators they faced during their emerging adult years with T1D. The open-text responses from the survey will be analyzed by using content analysis; the questions with Likert scales will be described using frequency distribution. Based on the survey results, we will develop an anticipatory guidance tool focused on adolescents with T1D and their parents to improve outcomes during the transition from pediatric to adult providers. A focus group consisting of 3-5 pediatric endocrinology providers and diabetes educators will evaluate the anticipatory guidance tool. The tool will then be revised based on the focus group feedback.

**Results/Conclusion:** Preliminary results and an analysis plan will be reported upon completion of the project in February 2018.

**Keywords:** type 1 diabetes, care transition, adolescents, glycemic control

**Contact Information:**

**Email** u0678915@utah.edu

**Phone** (801)244-2577

**Resume or Biographical Sketch:**

I am a Doctor of Nursing Practice Student at the University of Utah. I will graduate in May 2018 as a Family Nurse Practitioner, whereby I plan to continue working with the pediatric population. I have an interest in studying pediatric endocrinology as well as the challenges faced by adolescents with chronic diseases.

**Learning Objectives:**

Understand that adolescents with type 1 diabetes are at increased risk for complications and poor health outcomes as they emerge into adulthood.

Recognize that developmentally tailored anticipatory guidance can be used to empower emerging adults in performing self-care and provide techniques to overcoming the barriers of competing life demands.

Understand that emerging adults with T1D commonly indicate that finding adult endocrinologists, as well as learning how to navigate insurance and manage prescriptions, are some of the most difficult transitions when transitioning to adulthood.

**Hailey McLean**

*Presenter ID*  
**2011**

*Session Title, ID, Day & Date, Start Time and Room*

**Healthcare Encounters of Formerly Homeless  
Individuals Supported by the Housing First  
Program**

*Professional Title*

*Organization*

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.02	Thu	April 12	10:15	Poster Area

*Description:*

Homeless individuals often have high utilization of emergency healthcare services. Encouraging appropriate healthcare utilization is becoming a priority, to lower costs and improve outcomes. This study examined the healthcare encounters of formerly chronically homeless individuals living in a housing first model in Salt Lake City, Utah. Data were gathered over a 6-week period by case managers working onsite at the housing facility. Case managers recorded healthcare encounters of residents in a log that included: insurance status, date of the encounter, location of the encounter, and notes to describe the type of encounter and reason. A total of 113 healthcare encounters were recorded for 32 residents. Approximately 40% of the residents at the housing first facility were represented in the data, 59% enrolled in Medicaid only, 22% enrolled in both Medicare and Medicaid, and 19% with no insurance. The healthcare encounters occurred an average of 3 miles from the housing first facility. The 3 healthcare systems most represented in the data include Intermountain, Valley Behavioral Health, and the EMS system. EMS and ER encounters accounted for only 13% of all the recorded encounters, with 87% of all encounters being non-EMS. The findings suggest that in a supportive housing environment formerly chronically homeless individuals can have success navigating the healthcare system. Additionally, this population has high utilization of mental health services; this may indicate an area that needs more funding, further research or both.

*Contact Information:*

*Email* hailey.mclean.74@gmail.com

*Phone* 8017078795

*Resume or Biographical Sketch:*

Hailey McLean is an undergraduate student studying Health, Society, and Policy and Sociology at the University of Utah. She spent several years working directly with individuals experiencing homelessness at 4th St. Clinic as a Connect2Health health mentor. Upon graduation Ms. McLean plans to pursue a combined MD/MPH.

*Learning Objectives:*

Participants will understand the unique and complex healthcare needs of the housing first population.

Participants will learn about the healthcare utilization of this specific study population.

Participants will consider the implications of this descriptive data for larger discussions on improving access and utilization for previously homeless populations.



**Mariah Moody**

*Presenter ID*  
**2007**

*Session Title, ID, Day & Date, Start Time and Room*

**Coal Mines and Air Pollution in China**

*Professional Title*

**Student**

*Organization*

**Brigham Young University**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.02</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

This poster displays a map that illustrates how the number of coal mines per province in China can affect the average air pollution concentrations in those particular provinces. With the use of ArcGIS Pro, I was able to visually demonstrate this environmental association through various analysis tools available in the program.

*Contact Information:*

*Email* moodymariah3@gmail.com

*Phone* 5305659598

*Resume or Biographical Sketch:*

I am a Senior at Brigham Young University studying Public Health. I am passionate about this field, and aim to achieve the greatest good for the greatest number. I took a course with Dr. Chantel Sloan at BYU called Medical Geography, and it was there that I was able to adopt new skills using ArcGIS. I have applied this knowledge from the course by conducting various analyses to interpret the data I obtained about coal mines and air pollution levels in China.

*Learning Objectives:*

Higher coal mine density is associated to higher levels of pollutants.

Air pollutants like NO<sub>2</sub>, SO<sub>2</sub>, and PM<sub>2.5</sub> are byproducts of coal mining.

ArcGIS is a helpful tool in being able to illustrate health outcomes and potential associations.

**Jennifer Ponce, BS, CHES ®**

**Presenter ID**  
**2030**

**Session Title, ID, Day & Date, Start Time and Room**

**H.E.A.R.T: an innovative program shaping social norms and promoting healthy relationships for youth and young adults**

**Professional Title**

**Prevention and Education Manager**

**Organization**

**Laura's House**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.15	Thu	April 12	10:15	Poster Area

**Description:**

Teen dating violence is disturbingly common, shockingly 57% of teenagers report knowing a friend or peer who has been hit, punched, kicked, slapped, strangled or physically hurt by their partner. To address this issue; Laura's House, a community based nonprofit organization dedicated to changing social beliefs, attitudes, and the behaviors that perpetuate domestic violence developed a successful intervention strategy by creating a free educational, one-hour presentation for students to address the wide spread issue of teen dating violence. Through Healthy Emotions and Attitudes in Relationships Today or H.E.A.R.T. we cover the following issues: Healthy relationships and healthy boundaries, Self-esteem, Recognizing signs of abuse, How to help a friend, and Resources. We know that teen dating violence has a huge impact on the health and well-being of our young people, which is why this program is so important. Through using strategic implementation and evaluation techniques we were able to continue to develop this program and grow it to what it is today. H.E.A.R.T has been presented more than 1,000 times to over 48,000 people at public middle & high schools, private schools, colleges and universities, congregations, civic organizations and clubs throughout Orange County, CA and beyond. This session will teach attendees how to stop violence before it starts, by presenting an overview of the H.E.A.R.T program, its curriculum, interactive elements, and strategies for successful implementation methods. The presentation will also include best practices for evaluation of the program, and continued mobilization efforts as a result of H.E.A.R.T.

**Contact Information:**

**Email** jponce@laurashouse.org

**Phone** (951) 259-4108

**Resume or Biographical Sketch:**

Jennifer Ponce, CHES ® is prevention education manager with Laura's House, a nonprofit that offers shelter and services to domestic violence survivors in Orange County, Calif. She is a Certified Health Education Specialist and graduated from Utah Valley University with a degree in Community Health with an emphasis in Community Health Education. She will be completing her Master of Social Work degree from Boston University in 2018. For the last 10 years Jennifer has implemented community outreach and education programs domestically and internationally. She is passionate about social welfare and providing education and resources to at-risk communities and victims of violence. Jennifer has been featured on 102.7 KIIS-FM & AM 790 – KABC Talk Radio, as well as in The Orange County Register, Orange County Family Magazine, and Attorney Journal OC. Jennifer is a speaker and guest lecturer at high schools, universities, and national conferences.

**Learning Objectives:**

Identify prevention techniques and strategies to educate adolescents on healthy relationships, using media literacy, and technological tools relevant to today's young people.

Demonstrate new strategies to mobilize and capacity-build youth as advocates for teen dating violence prevention in their communities and on their campuses.

Utilize newly acquired practical communication strategies to implement the H.E.A.R.T. program in their community.

**Anna Reineke, BS**

*Presenter ID*  
**2023**

*Session Title, ID, Day & Date, Start Time and Room*

**Huntsman Cancer Institute's Commitment to Reduce Cancer Health Disparities in the Mountain West**

*Professional Title*

**Regional Coordinating Director, GMaP Region 6**

*Organization*

**Huntsman Cancer Institute**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.09</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

Huntsman Cancer Institute (HCI)'s Cancer Health Equity research program enhances and expands research, training, education, and community outreach interventions aimed at eliminating cancer health disparities in Utah and the Mountain West. Since 2015, the GMaP, PathMaker, and CHE programs work to advance understanding of the multifactorial causes of health disparities in the region and implement evidence-based programs to make health equitable for all.

The Geographical Management of Cancer Health Disparities Program (GMaP) is designed to enhance capacity in the areas of disparities research, recruitment, and development of underrepresented investigators, trainees, and students at a regional level. GMaP Region 6 supports researchers and trainees at all levels with funding support, career development, and mentorship. Locally, undergraduate students are mentored through the PathMaker program, which places underrepresented STEM students into HCI research labs, increasing the number of diverse students entering the cancer research pipeline.

The Community Health Educator (CHE) program expands access to reliable cancer screening and prevention education in 4 Utah rural health districts. The CHE addresses, implements, and evaluates education activities through focus groups, group and one-on-one health education, stakeholder interviews, partnership building, and social media.

The poster will share findings from the first two years of programmatic work, including: (1) increased portfolio of regional, diverse investigators, trainees, and students; (2) outcomes and successes of undergraduate students placed in cancer research labs; and (3) rural community health needs assessment data and implementation of programs that improve knowledge and intention to screen.

*Learning Objectives:*

Participants will learn about health disparities workforce, research, and educational endeavors in the state of Utah.

Participants will understand how to develop strategic programs to address health disparities for a variety of diverse populations.

Participants will be able to identify key stakeholders for doing work in health disparities.

*Contact Information:*

*Email* anna.reineke@hci.utah.edu

*Phone* 801-213-4234

*Resume or Biographical Sketch:*

Anna Reineke is the Regional Coordinating Director for the GMaP Program at the Huntsman Cancer Institute. She received a Bachelor of Science degree in Economics with a minor in Health Promotion and Education from the University of Utah and is currently pursuing a Master's in Business Administration at the David Eccles School of Business at the University of Utah.

**May Samkari, MD**

**Presenter ID**  
**2021**

**Session Title, ID, Day & Date, Start Time and Room**

**The Preconception Peer Educators (PPE) Program to Increase Awareness About Preconception Health Among College Age Population at Westminster College in Utah**

**Professional Title**

**Organization**

**Contact Information:**

**Email** may.samkari@gmail.com

**Phone** +1-646-402-1772

**Resume or Biographical Sketch:**

May is a Masters of Public Health candidate in her second year at Westminster College. She has received a Certificate of Public Health from Westminster College and the National Institutes of Health (NIH) Protecting Human Research Subjects training certification. She has completed all the core MPH courses. She also has a M.D. Degree from Saudi Arabia. She worked as a pediatric resident for a year and is very much interested in maternal and child health. During her summer semester, May developed a training manual for the preconception peer educators program in partnership with the health promotion coordinator of Maternal and Infant Health Program at the Utah Department of Health. She also designed a program with the aim to increase knowledge toward preconception health as a project for the program planning and evaluation class. Currently, May is working on implementing the program at Westminster College's campus as part of her capstone project. May Samkari is a Saudi Arabian citizen who lives in Salt Lake City, Utah.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
402.03	Fri	April 13	10:30	Poster Area

**Description:**

It has been estimated that half of all pregnancies in the US are unplanned (CDC, 2016; Guttmacher Institute, 2016; Finer, & Zolna, 2016), and the rate is highest among women aged 18 to 24 years (Finer, & Zolna, 2016). The rate of unintended pregnancy in the US is significantly higher than in many other developed countries (Sedgh, Singh, & Hussain, 2014). In Utah, during 2012 and 2013, 23.8% of women reported that their birth resulted from unintended pregnancy and 31.46% were between 18 to 24 years of age (UDOH, 2016). Women with unintended pregnancies tend to begin the pregnancy less healthy and more at risk to adverse health outcomes during and after pregnancy. To address these issues, the researcher will implement the Preconception Peer Educators (PPE) program to increase knowledge about preconception health (PCH), which addresses pre-pregnancy health behaviors and helps young women and their male partners plan for a healthy pregnancy. This will significantly increase the probability of a healthy infant(s), especially in Utah where the birth rate is higher than the birth rate in the US (UDOH, 2017). The PPE program is a peer to peer training approach that will take place on Westminster College's campus during spring semester 2018, targeting college students. The primary goal of the PPE program is to increase knowledge about the risks of unintended pregnancies and pre-pregnancy risk behaviors thereby improving pregnancy outcomes. The trainees will implement a peer to peer campaign on campus, provide educational sessions, and assist with the evaluation of the PPE program by assessing the knowledge of participants and the impact of the program.

**Learning Objectives:**

Understand preconception health (PCH) and its importance for young women and their male partners whether they plan or not for pregnancy

Understand the need for the Preconception Peer Educators (PPE) program to increase knowledge about PCH

Understand the need for the PPE program to reduce the risk of unintended pregnancies and pre-pregnancy unhealthy behaviors that could affect maternal and infants outcomes

**Holly Shoemaker, B**

*Presenter ID*  
**2016**

*Session Title, ID, Day & Date, Start Time and Room*

**Insect Precautions in Utah Travelers**

*Professional Title*

*Organization*

*Contact Information:*

*Email* hes0514@westminstercollege.edu

*Phone* 906-362-0321

*Resume or Biographical Sketch:*

Holly Shoemaker works as a Laboratory Technician in Salt Lake City. She holds a Bachelors in Biochemistry from Northern Michigan University and is currently finishing her Masters in Public Health at Westminster College. Her interest in infectious disease has prompted her to research areas within Travel Medicine. She lives in Tooele, Utah, and is expected to graduate with her Masters in Spring 2018.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.06</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

Vector borne diseases are responsible for almost one fifth of the global infectious disease burden. International travelers are at risk for potentially life-threatening conditions when visiting areas with endemic vector borne diseases, but this risk can be mitigated when proper insect precautions are taken. We seek to evaluate factors relevant to the uptake of insect precautions as well as the prevalence of bug bites in general travelers from a population taken from those attending pre travel consultations. We performed a preliminary analysis of data from an ongoing cross-sectional study at the University of Utah and Salt Lake County International Travel clinics. A total of 142 individuals had completed the survey at the time of the preliminary analysis. Overall, almost 40% of respondents have reported bug bites despite using precautions. The area with the highest reported insect bites has been the Americas (48%), followed by South East Asia (47%). A more in-depth analysis will be available at time of presentation. The number of studies which have examined factors associated with uptake of insect precautions have been limited. This analysis could have major implications for clinical practice in the prevention of travel-related vector borne diseases.

*Learning Objectives:*

Demonstrate general knowledge on Vector Borne Diseases associated with International Travel, as well as other health outcomes related to travel

Gain understanding of and compare travel health outcomes in various populations

Recognize the importance of medical consultation and preparation before international travel

**Tania Tetz, MPH, MPH, CHES ®**

*Presenter ID*  
**2017**

*Session Title, ID, Day & Date, Start Time and Room*

**Overview of Breastfeeding Among State of Utah Employees**

*Professional Title*

**Teratogen Information Specialist**

*Organization*

**Utah Department of Health**

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
<b>402.07</b>	<b>Fri</b>	<b>April 13</b>	<b>10:30</b>	<b>Poster Area</b>

*Description:*

It has been well documented by working mothers that worksite environments or policies are not always supportive of breastfeeding. These barriers have been reported and addressed at a national level and has moved legislation in many states. The state of Utah instituted a policy for state employers to provide a private space for women to express milk or to breastfeed their babies at work. In 2017, the Utah Department of Health conducted a survey to identify challenges for breastfeeding among women who were state employees who worked at least 10 hours a week and who had an infant less than six months old. About one-fourth (26.6%) of respondents reported they were not breastfeeding their infants, with the most commonly reported reason was working outside the home (n=115). The majority of women who continued breastfeeding reported they pumped milk at work. Nationwide, providing accommodations for working postpartum women has not typically been on employers' radars and employers have not understood the needs of mothers returning to work. Among Utah women who pumped breastmilk at work, 83.3% reported their employer provided on-site refrigerators to store breastmilk, and 81.4% reported their employer gave them flexible break times for pumping. More than two-thirds of women (69.6%) reported that their employer provided private space for them to pump. Employer support for pumping breastmilk at work can be an especially important accommodation for women who breastfeed. Resources, support and legislation are available to employers for providing policies that support the employee's and the employer's needs.

*Contact Information:*

*Email* Ttetz@utah.gov

*Phone* 801-538- 6064

*Resume or Biographical Sketch:*

Tania Tetz has a MPH from New Mexico State University and an undergraduate degree in Health Sciences from Brigham Young University. She has worked for the Utah Department of Health for 10 years. Her expertise includes chronic disease, working with minority populations, and she currently works at a teratogen information specialist. Her work also includes time in Mexico working as a university advisor.

*Learning Objectives:*

Audience will understand employer accommodations for breastfeeding mothers

Audience will learn about resources available to employers to facilitate breastfeeding in the workplace

Audience will understand the impact that working outside of the home has on breastfeeding

**Marco Verdeja, MD**

**Presenter ID**  
**2031**

**Session Title, ID, Day & Date, Start Time and Room**

**Physician Mandated Use of Utah Controlled  
Substance Database Health Impact Assessment**

**Professional Title**

**Organization**

**Contact Information:**

**Email** marcoverdeja@hotmail.com

**Phone** 385-434-4524

**Resume or Biographical Sketch:**

I was born in Fresno, California but lived most of my life in Chihuahua, Mexico, in what is endearingly known as the Mormon colonies. I had the privilege to serve an LDS mission in Peoria, Illinois. Thereafter, I studied Comparative Literature as an undergraduate and received my bachelors from Brigham Young University. I continued my studies and received my medical degree in Monterrey, Mexico, after which I began practicing medicine in my home town. In this way I became aware of the increasing need for prevention in all health-related areas, as well as the lack of sound policy and educational resources necessary to improve both communities and people's lives. I became interested in public health to break the inequality of treatment in underprivileged areas. In my spare time I enjoy the outdoors and am an avid racquetball player.

<i>Session ID</i>	<i>Day</i>	<i>Date</i>	<i>Start Time</i>	<i>Room</i>
401.16	Thu	April 12	10:15	Poster Area

**Description:**

Given the magnitude of the opioid epidemic in Utah, this Health Impact Assessment (HIA) aims to examine the potential health impacts of a policy that would mandate a prescriber to use a Prescription Drug Monitoring Program (PDMP), which in Utah is known as the Controlled Substance Database (CSD), each time a patient is prescribed an opioid, as well as to address the potential intended and unintended health impacts of such a mandate. Currently, in Utah, a CSD system is in place, however, physicians check the CSD at their own discretion.

This HIA aims to be a resource for lawmakers and inform future opioid policy. The HIA team employed the established phases of screening, scoping, assessment, recommendations, reporting, and monitoring to objectively evaluate potential health impacts of the CSD mandate on the population of Utah and provide recommendations.

This HIA found multiple potential health impacts that are likely to occur if this policy is implemented. Some key findings include a reduction in prescribing rates, reduced addiction rates, reduced mortality rates, and a temporary increase in heroin use. Populations found to be most affected by this policy are prescription opioid abusers, families of addicts, minorities, and low socioeconomic status individuals. Vulnerable populations are already traditionally disadvantaged when it comes to health, therefore, it becomes important to understand the full breadth of a policy's health impacts when working with populations that traditionally suffer from health disparities.

**Learning Objectives:**

Participants will understand the Health Impact Assessment process

Participants will learn the potential health impacts of opioid policy

Participants will learn the scope of the opioid epidemic in Utah