



PROFESSIONAL PROFILE



Katelyn Hall, PhD, MPH

Principal Scientist | Epidemiologist | Biostatistician

EXPERIENCE SUMMARY

Dr. Hall is an epidemiologist and biostatistician with over a decade of experience in environmental epidemiology, public health research, biostatistical analysis, and exposure science across the non-profit, state government, federal government, and private sectors.

- Principal Epidemiologist and Biostatistician, Roux, Burlington, MA, 2025–Present
- Adjunct Assistant Professor, Department of Epidemiology, Fay W. Boozman College of Public Health, UAMS, Little Rock, AR, 2024–Present
- Senior Epidemiologist and Biostatistician, Supervising Health Scientist, CTEH, LLC, Little Rock, AR, 2019–2025
- Epidemiology and Biostatistics Consultant, Hall Consulting, LLC, Pine, CO, 2019
- Epidemiologist and Statistical Analyst, Marijuana Health Monitoring and Research, Environmental Epidemiology, Occupational Health, and Toxicology, Colorado Department of Public Health and Environment, Denver, CO, 2014–2019
- ACOG Maternal Influenza Review Program Interviewer, Contracted Employee, Colorado Department of Public Health and Environment, Denver, CO, 2014
- Graduate Teaching Assistant, GIS for Public Health Research, Chronic Disease Epidemiology, Research Methods, Colorado School of Public Health, 2014–2016
- Emerging Infections Program-Graduate Internship, Colorado Department of Public Health and Environment, Denver, CO, 2013–2014
- Epidemiology and Biostatistics Consultant, CUPeru, Denver, CO, 2012–2014

CONTACT INFORMATION

Main: (781) 569-4000
Direct: (781) 569-4036
Email: khall@rouxinc.com
Website: www.rouxinc.com

200 Summit Drive, Suite 500
Burlington, MA 01803

EDUCATION

Doctor of Philosophy,
Epidemiology, The University
of Colorado Denver Graduate
School, Anschutz Medical
Campus Denver, CO, 2020
Master of Public Health,
Epidemiology, The University
of Colorado Denver, Anschutz
Medical Campus, Aurora, CO,
2014
Bachelor of Science, Pre-
Medical Biology, Harding
University, Searcy, AR, 2011

TECHNICAL SPECIALTIES

Dr. Hall’s strategic consulting in environmental epidemiology and biostatistics has aided both public and private sector clients in data-driven decision-making in the energy, chemical, agricultural, entertainment, waste management, and tech industries. Dr. Hall’s areas of expertise include:

- Systematic Literature Reviews
- Epidemiology Study Design
- Secondary Data Analysis
- Human Exposure Metrics
- Health Impacts Assessments
- Survey Design, Collection, and Analysis
- Regression Modeling
- Network Analyses
- Environmental Justice Data Sources and Tools
- Environmental Field Sampling Study Designs
- General Causation Analysis
- Primary Data Collection
- Public Health Surveillance Systems
- Environmental Data Analysis
- Source to Health Outcome Paradigms
- Sensitivity and Specificity Analyses
- Research Methods
- Infectious Disease Epidemiology
- Infection Control Protocols and Contact Tracing

Dr. Hall has been an invited speaker at several scientific conferences and has published over 25 manuscripts and abstracts in technical journals and gray literature.

REPRESENTATIVE PROJECTS

- **Technical Director, Tontitown, Arkansas Air Sampling Study (May 2–May 12, 2025).** Dr. Hall was contracted by the Arkansas Department of Energy and Environment to design and lead an air sampling study near a landfill in Tontitown, Arkansas. The objective was to determine if there were compounds of potential concern that the landfill was likely or possibly contributing to the community.

- **Testimony-Wisconsin Electric Power Company.** Dr. Hall provided expert epidemiology rebuttal testimony on the interpretation and use of EPA's Co-Benefits Risk Assessment health Impacts Screening and Mapping Tool (COBRA) in the context of public health at the Public Service Commission of Wisconsin Hearing (Docket No. 6630-CE-317) for the Certificate of Public Convenience and Necessity for the Oak Creek Combustion Turbine Project.
- **Testimony-Colorado Petroleum Association.** Dr. Hall provided expert epidemiology and biostatistics testimony on the scientific methods of Colorado EnviroScreen at the Colorado Air Pollution Control Division Regulation 3 hearings in Denver, Colorado on May 17, 2023.
- **Testimony, CIVITAS, Resources Inc.** Dr. Hall provided expert epidemiology and biostatistics testimony on the study design and analytic methods of the Broomfield Health Survey at the Colorado Oil and Gas Conservation Commission contested Coslette Wellpad hearings virtually on October 26, 2022.
- **Applied Public Health, Various Energy, Chemical, and Agricultural Industry Clients.** Dr. Hall provided data-driven solutions for clients that have environmental justice concerns by designing boots-on-the-ground studies, assessments of epidemiology literature, and risk communication of the science.
- **American Petroleum Institute.** Dr. Hall leveraged her experience and expertise to develop guidance documents to assist clients with navigating environmental justice concerns, cumulative impacts, and assessing the risk of chemical and non-chemical stressors on a community.
- **Epidemiology Expert Consulting, Systematic Literature Reviews.** Various Energy and Chemical Industry Clients and the Oil and Gas Health Information and Response Program Colorado Department of Public Health and Environment: Dr. Hall has developed novel methods for systematic literature reviews that apply quantitative methods to weigh the quality of the body of evidence. She has applied these reviews to general causality analyses, rulemaking support, and published systematic literature reviews. The majority of this work has covered the potential health outcomes in populations living near oil and natural gas operations, but Dr. Hall has also applied these methods to ethylene oxide and PFAS exposures and potential health effects.
- **Biostatistics Expert Consulting, Statistical Analyses, Various Energy, Agriculture, Forrest Products, and Chemical Industry Clients.** Dr. Hall serves as a technical director, developing and overseeing the statistical analysis of various air quality assessments.
- **Epidemiology Expert Consulting, Toxic Tort Litigation, Various Energy, Manufacturing, and Sterilization Clients.** Dr. Hall has provided epidemiology expertise on chemical environmental exposures and various health outcomes. She has provided consulting support on expert reports on ethylene oxides, PFAS, asbestos, and talc and numerous alleged health outcomes
- **Project Technical Director, COVID-19 Epidemiology Services.** Various Energy, Entertainment, Packaging, Hospitality, Live Events, Emergency Response, and Food Industry Clients.
- **COVID-19 Vaccine Effectiveness Studies Reviews.** Dr. Hall directed weekly updates on the current science of U.S. and United Kingdom approved COVID-19 vaccine effectiveness. Dr. Hall technically reviewed literature and government reports and made data-driven vaccination recommendations to clients' workforces.
- **Epidemiological Tracking of COVID-19 Variants.** Dr. Hall directed a team charged with tracking emerging COVID-19 variants and their characteristics. Dr. Hall technically reviewed reports to clients containing WHO, CDC, and PHE variants of concern epidemiology and characteristics and made recommended adjustments to infection control measures based on changes in emerging variants' characteristics.
- **COVID-19 Epidemiology Services, Disease Tracking.** Dr. Hall directed a team charged with tracking the spread of COVID-19 and providing an epidemiology assessment of the risk of COVID-19 entering a workplace through community exposures to the workforce for over 100 client facilities and projects. Dr. Hall oversaw regular risk assessment reports to clients to inform their level of infection controls that included COVID-19 cases, deaths, vaccinations, and calculated risk metrics like reproductive numbers and percent of the population infectious.
- **Epidemiologist and Statistical Analyst, Public Health Impacts of Retail Cannabis Legalization, Marijuana Health Monitoring and Research Program, Colorado Department of Public Health and Environment.** Dr. Hall conducted epidemiological and statistical analyses on the public health effects of retail cannabis legalization. She analyzed secondary healthcare administrative datasets for cannabis exposures and adverse health outcomes. She analyzed national and state survey data to monitor trends in the amount and type of cannabis products used. Dr. Hall was responsible for annual systematic literature reviews of peer-reviewed publications on cannabis-related health outcomes and trends in cannabis use.
- **Contract Tracing and Infection Control Plans and Implementation.** Dr. Hall developed custom COVID-19 contact tracing plans integrated into clients' infection control plans that included novel testing and symptom monitoring strategies. Dr.

Hall directed a team of contact tracers, occupational nurses, and physicians to implement these plans 24 hours a day, seven days a week for hundreds of clients. Dr. Hall provided reporting and analysis of COVID-19 outbreaks and spread including epidemic curves and network analyses.

- **COVID-19 Litigation.** Dr. Hall has provided epidemiology expertise on evaluating community level COVID-19 data, considerations for spread in the workplace and community, contact tracing, infection control protocols, and return to work practices. She has compiled expert reports for these opinions in COVID-19 related litigation on workman's compensation claims, in response to a congressional investigation, and local municipality lawsuits against energy industry.
- **Epidemiologist, Cannabis User Survey on Health (CUSH), Marijuana Health Monitoring and Research Program, Colorado Department of Public Health and Environment.** Dr. Hall developed, validated, and administered a survey on frequencies and methods of cannabis use, the Cannabis User Survey on Health funded by the Council for State and Territorial Epidemiologists. Dr. Hall analyzed and published the results in a peer-reviewed publication of the findings.
- **Lead Epidemiologist, E-cigarette or Vaping product use-Associated Lung Injury (EVALI) Outbreak, Colorado Department of Public Health and Environment.** Dr. Hall was responsible for managing the epidemiology response to the EVALI outbreak in Colorado. She worked closely with the CDC, FDA, and DEA in identifying, describing, reporting, and tracking new cases. Dr. Hall developed the case interviews in RedCap and administered case investigations. Dr. Hall set up an on-call team to respond to reports of cases. Dr. Hall worked with a team of toxicologists to assist with research of potential chemicals or toxins that could have resulted in the lung injuries described in the cases. Dr. Hall worked with industry and government stakeholders to collect and send products to the CDC for testing.
- **Cannabis Flower, Concentrates, and Edibles Potency Beta Homogeneity and Proficiency Testing, Laboratory Services Division, Colorado Department of Public Health and Environment.** Dr. Hall developed a statistical protocol for cannabis flower, concentrates, and edibles homogeneity and proficiency testing based on the ISO 15328 protocols and pilot studies by the Colorado Department of Agriculture. She applied these results to Colorado cannabis flower, concentrate, and edible potency beta homogeneity and proficiency testing. She completed reports of the statistical analysis of the homogeneity and proficiency testing results to the participating laboratories, the Colorado Department of Agriculture, the Laboratory Services Division, the Colorado Department of Public Health and Environment, and the Marijuana Enforcement Division.
- **Lead Epidemiologist, Cannabis Use and Snow Sport Injuries, Colorado Department of Public Health and Environment, Vail Valley Medical Center.** Dr. Hall analyzed cannabis use as a predictor of snow sports injuries from data collected at Vail Valley Medical Center during the 2013-2014 snow season. She applied regression models that showed cannabis use prior to injury led to an increased risk of a collision vs. a fall resulting in a snow sport injury. Dr. Hall reported cannabis use was related to not wearing a helmet and snowboarding.
- **Geospatial Analysis of Age-Adjusted Pertussis Rates, Poverty, and Vaccine Exemption Rates in Colorado, Colorado Department of Public Health and Environment, Colorado School of Public Health (2007–2014).** Dr. Hall examined CDPHE's Colorado Electronic Disease Reporting System (CEDRS) pertussis cases from 2007 to 2014 with percent below poverty at the census tract level and school vaccine exemption rates at the school district level. She created maps and performed statistical and geospatial analyses to assess associations.
- **ACOG Maternal Influenza Review Program Interviewer, Colorado Department of Public Health and Environment.** Dr. Hall organized, managed, and administered in-person interviews for the American Congress of Obstetricians and Gynecologists Maternal Influenza Review Program. She performed data collection and management, compiled case review summaries, reported to a case review team of medical professionals, and completed a descriptive summary of the findings and recommendations.
- **CDC Emerging Infections Program, Graduate Internship, Colorado Department of Public Health and Environment, University of Colorado Health Sciences Center.** Dr. Hall worked as a Surveillance Officer with the Centers for Disease Control and Prevention's Emerging Infections Program. She performed medical record abstraction for influenza-associated hospitalization, invasive MRSA, and pertussis surveillance projects. She collected and entered data for influenza antiviral and PCV13 vaccine effectiveness surveillance.
- **Lead Epidemiologist and Biostatistician, Comunidades Unidas, Peru.** Dr. Hall worked as an epidemiologist and biostatistician in a global health project in remote villages on the Napo River, Loreto Region, Peru. The project aimed to train local leaders in remote communities to be Community Health Workers who could act as first responders for traumas, seasonal and regional illnesses, and malaria. Leaders were also trained in sanitation and hygiene. Dr. Hall developed a curriculum for these trainings and helped to implement WHO Integrated Management of Childhood Illness-based patient history loggers for Community Health Workers to track patient care and for CU Peru to collect and evaluate. She also worked with the

Ministerio de Salud, Dirección Regional de Salud Loreto (DIRESA Loreto), and the local Mayors to distribute malaria test kits, teach Health Workers how to test community members, and developed logistical strategies for sending the tests to labs for diagnostics and surveillance. Dr. Hall designed a pre/post survey tool to assess the knowledge, attitudes, and practices of the community health workers who attended CU Peru's training. Dr. Hall completed IRBs and IRB exemptions for all projects. She managed the data collection, database creation, and analysis of data. Dr. Hall prepared a manuscript for publication and posters for presentations at global health conferences.

EXPERT TESTIMONY

In the Superior Court, County of Kern, State of California Aera Energy, LLC and Chevron U.S.A. Inc. v. Gavin Newsom et al. Case Nos. BCV-22-100748 and BCV-22-100636. Deposition Monday, January, 12, 2026 Trial Testimony Thursday, January 29, 2026.

ADDITIONAL OUTBREAK EXPERIENCE

E. coli O157:H7 Outbreak, 2013, Colorado Department of Public Health and Environment.

Stevens Johnson's Syndrome Cluster at Children's Hospital Colorado, 2013, Centers for Disease Control and Prevention.

Synthetic Marijuana Outbreak, 2013, Colorado Department of Public Health and Environment.

Gunnison Raw Milk Campylobacter Outbreak, 2013 Colorado Department of Public Health and Environment.

PROFESSIONAL AFFILIATIONS

Nominated Council Member, International Society of Regulatory Toxicology and Pharmacology (IS RTP), 2025–Present

American Public Health Association, 2021–Present

Council for State and Territorial Epidemiologist, 2014–Present

Cannabis Subcommittee Co-chair, 2018–2019

ICD-10-CM Drug Poisoning Indicators Working Group Case Definition Subcommittee Co-chair, 2017–2019

ICD-10-CM Drug Poisoning Indicators Working Group

International Society for Infectious Diseases, 2013–Current

Member, Health eMoms Advisory Board, 2017–2019

Marijuana Data Working Group Chair, 2017–2019

Colorado State Epidemiology Outcomes Working Group, 2015–2019

Colorado Environmental Health Association, 2013–2014

PUBLICATIONS

Hall KE, Miller M, Costa A, and Mahoney L. Tontitown, Arkansas Air Sampling Study: May 2, 2025 to May 12, 2025. 2025 September.

Arkansas Energy & Environment, Environmental Quality <https://www.adeg.state.ar.us/tontitown/>.

Crawford KA, Gardner JA, Meyer EA, Hall KE, Gary DS, Esser MB. Current marijuana use and alcohol consumption among adults following the legalization of nonmedical retail marijuana sales — Colorado, 2015-2019. CDC Weekly. 2021 October; 70(43);1505-1508. https://www.cdc.gov/mmwr/volumes/70/wr/mm7043a3.htm?s_cid=mm7043a3_w.

Hall KE. Evaluation of Cannabis ICD-10-CM Codes' Performance to Predict Emergency Department Visits Partially Attributable to Cannabis. 2020 August. University of Colorado, Anschutz Medical Campus. <https://dl.acm.org/doi/10.5555/AAI28086241>.

Shelton SK, Mills E, Saben JL, Devivo M, Williamson K, Abbott D, Hall KE, Monte AA. Why do patients come to the emergency department after using cannabis? Clin Toxicol (Phila). 2020 Jun;58(6):453-459. doi: 10.1080/15563650.2019.1657582. Epub 2019 Sep 16. PMID: 31526057; PMCID: PMC7073292.

Hall KE, Yang H, Contreras AE, James KA. Cannabis Coding in Colorado during the ICD-10-CM Transition. Injury Prevention 2021;27:i66-i70. <https://injuryprevention.bmj.com/content/27/S1/i66>.

Tyndall Snow LM, Hall KE, Custis C, Rosenthal A, Pasalic E, Nechuta S, Davis JW, Jacquemin BJ, Jagroep SR, Rock P, Contreras AE, Gabella B, James KA. Exploring the Impact of Drug Poisoning Surveillance Definitions Based on ICD-10-CM Codes. Inj Prev 2021;27:i27-i34. <https://injuryprevention.bmj.com/content/27/S1/i27>.

Wang GS, Banerji S, Contreras AE, Hall KE. Marijuana exposures in Colorado, reported to regional poison centre, 2000-2018. Inj Prev. 2020 Apr;26(2):184-186. doi: 10.1136/injuryprev-2019-043360. Epub 2019 Nov 1. PMID: 31676510.

Brooks-Russell A, Hall K, Peterson A, Graves J, Van Dyke M. Cannabis in homes with children: use and storage practices in a legalised state. Inj Prev. 2020 Feb;26(1):89-92. doi: 10.1136/injuryprev-2019-043318. Epub 2019 Aug 1. PMID: 31371385.

Binkin N, Dilley J, Hurst S, Hall K, Sorrells N. CSTE Marijuana Surveillance Environmental Scan Report 2018 (2019). <https://www.cste.org/members/group.aspx?id=150877>.

Vigil DI, Van Dyke M, Hall KE, Contreras AE, Ghosh TS, Wolk L. Marijuana Use and Related Health Care Encounters in Colorado Before and After Legalization. Int J Ment Health Addiction (2018) 16(4): 806-812.

Contreras AE, Hall KE, Vigil DI, Rosenthal A, Asofeifa A, Van Dyke M. Results from the Colorado Cannabis Users Survey on Health (CUSH), 2016. Int J Ment Health Addiction (2019).

Hall KE, Monte AA, Chang T, et al. Mental Health-Related Emergency Department Visits Associated with Cannabis in Colorado. Acad Emerg Med 2018; 25(5). doi:10.1111/acem.13393.

- Smith R, Hall KE, Etkind P, Van Dyke M. Reported Marijuana Use by Industry and Occupation — Colorado, 2014–2015. *MMWR Morb Mortal Wkly Rep* 2018; 67:409–413. doi: 10.15585/mmwr.mm6714a1.
- Crume TL, Juhl AL, Brooks-Russell A, Hall KE, Wymore E, Borgelt LM. Cannabis use during the perinatal period in a state with legalized recreational and medical marijuana: the association between maternal characteristics, breastfeeding patterns, and neonatal outcomes. *J Pediatr* 2018; 197:90–96.
- Wang GS, Hall K, Vigil D, Banerji S, Monte A, VanDyke M. Marijuana and acute health care contacts in Colorado. *Prev Med (Baltim)* 2017;104. doi:10.1016/j.ypmed.2017.03.022.
- Hall KE, Banerji S, Contreras E, Barker L, Vigil DI, Van Dyke M. Monitoring Possible Marijuana-Related Health Effects in Colorado: Rocky Mountain Poison and Drug Center (RMPDC) Data, 2000–2016. Denver; 2017.
- Hall KE, Vigil DI, Contreras E, et al. Monitoring Possible Marijuana-Related Health Effects in Colorado: Colorado Hospital Association (CHA) Data, 2000–September 2015. Denver; 2017.
- Vigil DI, Hall KE, Contreras E, et al. Monitoring Changes in Marijuana Use Patterns: Behavioral Risk Factor Surveillance System (BRFSS) 2014–2015 Survey Results. Denver; 2017.
- Vigil DI, Hall KE, Contreras E, et al. Monitoring Changes in Marijuana Use Patterns: Child Health Survey (CHS) 2014–2015 Survey Results. Denver; 2017.
- Vigil DI, Hall KE, Contreras E, et al. Monitoring Changes in Marijuana Use Patterns: Healthy Kids Colorado Survey (HKCS) 2005–2015 Survey Results. Denver; 2017.
- Vigil DI, Hall KE, Contreras E, et al. Monitoring Changes in Marijuana Use Patterns: Pregnancy Risk Assessment Monitoring System (PRAMS) 2014 Survey Results. Denver; 2017.
- Kim HS, Hall KE, Genco EK, Van Dyke M, Monte AA. Marijuana Tourism and Emergency Department Visits in Colorado. *N Engl J Med*. 2016;374(8):797–798. doi:10.1056/NEJMc1513610.
- Hall, K., Barker, L., Williford, D., Vigil, D. & Van Dyke, M. (2016) Monitoring Health Concerns Related to Marijuana in Colorado: 2015 Update: Colorado Hospitalization Association Data, 2000–June 2015. Hall, K., Barker, L., & Van Dyke, M. (2015) Colorado Hospitalization Association Data, 2000–2014. Monitoring Health Concerns Related to Marijuana in Colorado: 2014–Changes in Marijuana Use Patterns, Systematic Literature Review, and Possible Marijuana-Related Health Effects (pp. 164–181).
- Barker, L., Hall, K., & Van Dyke, M. (2015) Monitoring Possible Marijuana Related Health Effects: Summary and Key Findings. Monitoring Health Concerns Related to Marijuana in Colorado: 2014–Changes in Marijuana Use Patterns, Systematic Literature Review, and Possible Marijuana-Related Health Effects (pp. 151–157).
- Barker, L., Bronstein, A., & Hall, K. (2015) Rocky Mountain Poison and Drug Center (RMPDC) Data, 2000–2014. Monitoring Health Concerns Related to Marijuana in Colorado: 2014–Changes in Marijuana Use Patterns, Systematic Literature Review, and Possible Marijuana- Related Health Effects (pp. 158–163).
- Barker, L., Hall, K., & Morris, M. (2015) Marijuana Use and Extrapulmonary Effects: Systematic Literature Review. Monitoring Health Concerns Related to Marijuana in Colorado: 2014–Changes in Marijuana Use Patterns, Systematic Literature Review, and Possible Marijuana- Related Health Effects (pp. 135–141).
- Hall, K., Frederiksen, B., Rewers, M., & Norris, J. M. (2015). Daycare Attendance, Breastfeeding, and the Development of Type I Diabetes: The Diabetes Autoimmunity Study in the Young. *BioMed Research International*, 2015 (203947), 1–5.
- Hall, K. E., Miller, M. A., Fialkowski, V. A., Cole, M. L., Boat, J. A., Bellows, J. W., & Shumskiy, I. (2014). Assessment of a community health worker training program in the Peruvian Amazon demonstrates effective learning retention: Implications for health care education in a resource-limited setting. *Annals of Global Health*, 80(3), 163. doi:10.1016/j.aogh.2014.08.024

PRESENTATIONS

- Assessing the Adequacy of Environmental Risk Management Framework for Oil and Gas Operations through a Public Health Risk Lens; Katelyn E Hall, Tami McMullin; Public Health in the Rockies, Keystone, CO. September 2022.
- Emergency Response during a Pandemic: COVID-19 Case Study; Katelyn E Hall, Scott Malm, Lourdes Mahoney, Ashley Reardon; Coastal Bend Hurricane Conference, Robstown, TX. May 2022.
- Worker Safety during a Pandemic: Case Study COVID-19; Katelyn E Hall; The National Forum for Environmental & Toxic Tort Issues, Chicago, IL. September 2021.
- Marijuana Use among Adults Who Report Binge Drinking in Colorado from 2014–2017; Kacy Crawford, Elisabeth Meyer, Katelyn E Hall, Dahsan S Gary; 2019 Council of State and Territorial Epidemiologists, Raleigh, NC. June 2019.
- Cannabis-Related Surveillance: Changes in Patterns of Cannabis Use since State Legalization; Julia Dilley, Katelyn E Hall; 2019 Council of State and Territorial Epidemiologists, Raleigh, NC. June 2019.
- Cannabis-Related Surveillance: Changes in Public Health Outcomes since State Legalization; Katelyn E Hall, Julia Dilley 2019 Council of State and Territorial Epidemiologists, Raleigh, NC. June 2019.
- Cannabis Discharge Coding in the ICD-10-CM Transition; 2018 Council of State and Territorial Epidemiologists, West Palm Beach, FL. June 2018.
- Increased Prevalence of Mental Illness Primary Diagnoses Among Hospitalizations and Emergency Department Visits with Marijuana Associated Administrative Codes; 2016 Council of

State and Territorial Epidemiologists, Anchorage, AK. June 2016.

Increases in Rates of Hospitalizations and Emergency Department Visits with Marijuana Associated Administrative Codes in Colorado from 2000 to 2014; 2015 Public Health in the Rockies, Vail, CO. September 2015; 2015 CSTE Annual Conference, Boston, MA. June 2015.

Assessment of community health worker training program in the Peruvian Amazon demonstrates effective learning retention: implications for health care education in a resource-limited setting; 2014 CSTE Annual Conference, Nashville, TN/ Jun 2014; Consortium of University for Global Health, Washington D.C.: 5th Annual CUGH Conference: Universities 2.0: Advancing Global Health in the Post-MDG Era/ May 2014; University of Colorado Denver, Anschutz Medical Campus: 28th Annual Student Research Forum. December 2013.

Cannabis-Related Surveillance: Changes in Public Health Outcomes since State Legalization; Katelyn E Hall, Julia Dilley 2019 Council of State and Territorial Epidemiologists, Raleigh, NC. June 2019.

Cannabis Discharge Coding in the ICD-10-CM Transition; 2018 Council of State and Territorial Epidemiologists, West Palm Beach, FL. June 2018.

Increased Prevalence of Mental Illness Primary Diagnoses Among Hospitalizations and Emergency Department Visits with Marijuana Associated Administrative Codes; 2016 Council of State and Territorial Epidemiologists, Anchorage, AK. June 2016.

Increases in Rates of Hospitalizations and Emergency Department Visits with Marijuana Associated Administrative Codes in Colorado from 2000 to 2014; 2015 Public Health in the Rockies, Vail, CO. September 2015; 2015 CSTE Annual Conference, Boston, MA. June 2015.

Assessment of community health worker training program in the Peruvian Amazon demonstrates effective learning retention: implications for health care education in a resource-limited setting; 2014 CSTE Annual Conference, Nashville, TN. June 2014; Consortium of University for Global Health, Washington D.C.: 5th Annual CUGH Conference: Universities 2.0: Advancing Global Health in the Post-MDG Era. May 2014; University of

Colorado Denver, Anschutz Medical Campus: 28th Annual Student Research Forum. December 2013.

SPEAKING ENGAGEMENTS

ICD-10-CM Drug Overdose Indicators; CSTE Conference 2019. June 2019; Provided an instructional presentation on the new CSTE and CDC national guidance on counting drug overdoses in ICD-10-CM.

What Has Happened to State Public Health after Retail Cannabis Legalization, So Far? Denver Marijuana Management Symposium. November 2018; Described state prevalence of marijuana use and potential marijuana related adverse health outcomes across multiple states that have legalized recreational marijuana.

Colorado Marijuana and Public Health; Society of Women Environmental Professionals. January 2018; Described the impacts of recreational marijuana legalization on marijuana use prevalence and adverse health outcomes in Colorado.

Data Limitations, Historical Perspective, and Colorado Hospital Association Discharge Data; Denver Marijuana Management Symposium. October 2017; Described the limitations surrounding marijuana surveillance data and examined health outcomes data surrounding alcohol prohibition and the release of e-Cigs to the market for guidance on what to expect with recreational marijuana legalization and the diversity of the marijuana market. Examined trends in hospital and emergency department visits with marijuana ICD-9-CM coding over legalization time points.

Cannabis Discharge Coding in the ICD-10- CM Transition; CSTE Marijuana Subcommittee. August 2017; We aimed to examine trends in the rates of emergency department and hospital discharges with cannabis coding before and after the transition to ICD-10-CM. Time series analysis confirmed no differences in the quarterly counts of discharges with cannabis codes before and after transition to ICD-10-CM in both hospital and emergency department discharges.

What is happening in states that have legalized non-medical marijuana? CSTE Conference 2017. June 2017; Examined marijuana use trends among youth and adults in Colorado, Oregon, and Washington. Analyzed marijuana related adverse health effects in Oregon and Colorado