

ALLISON K. SEIDEL

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EDUCATION

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- Doctor of Public Health in Epidemiology August 2017 – December 2022
Colorado School of Public Health, University of Colorado, Denver, CO
Dissertation: Development of Baseline Information for the Creation of a Self-Report Surveillance System of Cannabis-Related Unexpected Health Events
- Master of Public Health in Epidemiology August 2010 – May 2012
East Tennessee State University, Johnson City, TN
- Bachelor of Science in Biology August 2005 – May 2009
Millersville University, Millersville, PA
Minor in Chemistry

PROFESSIONAL EXPERIENCE

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- University of South Florida, College of Public Health, Faculty Instructor June 2024 - Present
Tampa, FL
- Oversee the Integrated Core Curriculum courses for Master of Public Health students; including teaching topics related to data analysis and epidemiology.
 - Engage with students to assist them with course questions, material clarification, and career guidance.
 - Participate in college activities related to the enhancement of the Core Curriculum for incoming MPH students.
- Wingate University, Adjunct Faculty August 2023 - Present
Wingate, NC
- Teach courses PH620: Principles of Public Health Methods and PH621: Applied Public Health Methods, courses that cover Research Methods and Epidemiology topics.
 - Mentoring Master of Public Health (MPH) students through academic challenges, offering valuable insights into career paths, and providing personalized advice to foster their professional development.
- Seidel Analytics, Lead RCKMS Authoring Support Associate February 2022 - Present
Council for State and Territorial Epidemiologists (CSTE)
St. Petersburg, FL
- Promote the vision, mission, and goals of RCKMS to support Electronic Case Reporting (eCR), ensuring alignment with organizational objectives.
 - Provide comprehensive jurisdictional support to users regarding the Authoring Interface or RCKMS content within the tool through effective communication channels such as email and web conferences.
 - Assist in troubleshooting jurisdictional rules, Electronic Initial Case Reports (eICRs), Reportability Response (RR), and reporting errors, actively identifying reportability and proposing viable solutions.
 - Serve as the lead authoring support resource subject matter expert (SME), contributing to the facilitation of the eCR/RCKMS Community of Practice (CoP) online platform and moderating monthly RCKMS Townhall webinar meetings.
 - Monitor, escalate, and provide support for tool-related tickets received through the RCKMS ticketing system
- Epidemiology and Preparedness Division, Epidemiologist March 2019 – February 2022
Denver Public Health
Denver, CO
- COVID-19 team lead for case investigations and contact tracing in the City and County of Denver; manage 50 person task force of supervisors, data leads, and interviewers; liaison of relationships between local public health and state public health; develop dashboards of metrics and perform analyses for members of executive leadership and the mayor.
 - Conduct surveillance of adverse events related to cannabis use through multiple different data sources including electronic medical records, syndromic surveillance systems, poison center calls, consumer complaints, etc.
 - Assess the amount of contaminants in cannabis products at point-of-sale and the potential for adverse events related to the same contaminants when consumed.
 - Led epidemiologic response to hepatitis A outbreak in Denver's population of people experiencing homelessness and persons who inject drugs; operations section chief for vaccination deployment to affected populations.
 - Served as the CDC COVID-19 Community Based Organization (CBO) Grant Epidemiologist in partnership with the Denver Department of Public Health and Environment, focusing on outreach to underserved communities and the evaluation of collaboration between CBOs and the local public health agency.
- Colorado Integrated Food Safety Center of Excellence, Graduate Research Assistant August 2017 – March 2019
Colorado School of Public Health
Denver, CO
- Manage the Food Source Information (FSI) Wiki by adding new articles, reviewing current articles, keeping the site and articles up to date. Evaluate the usability and schematics of the FSI Wiki as well as the effectiveness when used during an outbreak.
 - Administer trainings to public health departments within our CoE Region, trainings include Applied Outbreak Investigation, Epi Ready, and Student Outbreak Response Training.
 - Economic Research Service, USDA collaboration:

- Assist in the data analysis for the updating of the estimates for the cost of foodborne illness.
- Review updated literature on economic modeling for upcoming analyses of cost.

Department of Research and Planning, Institutional Research Analyst/Adjunct Faculty
Asheville-Buncombe Technical Community College
Asheville, NC

November 2013-July 2017

- Assists with developing, administering, and conducting research and evaluation studies; writes reports associated with these studies.
- Organizes, compiles, analyzes, interprets and presents institutional data related to allocation of resources, staffing, and learning/program outcomes.
- Analyzes data using Statistical Analysis System (SAS), writes reports, and prepares recommendations regarding program development, instruction, policy development, and strategic planning; provides data to planning units as requested.
- Teach ACA-122, a study skills and success course for students transferring to a four-year institution.
- Teach MAT-001S, a statistical support lab for students in a concurrent Statistics course.

U.S. Air Force School of Aerospace Medicine, Epidemiologist
Oak Ridge Institute for Science and Education
Wright-Patterson AFB, OH

June 2012-October 2013

- Analyze data from respiratory specimen submission to create verbal and written weekly reports on influenza activity from sentinel sites all over the world using SAS.
- Independently clean, analyze, and interpret complex data for various projects including norovirus, HIV, and respiratory specimen exercise.
- Program development and evaluation of the DoD, Global Laboratory-based, Influenza Surveillance Program according to DoD and IRB standards.
- Infectious disease surveillance on items including but not limited to: gastrointestinal, nosocomial, respiratory, and zoonotic diseases; with prevention measures communicated to bases to lower disease transmission.
- Editor for the U.S. Air Force Public Health Career Field Manager's Newsletter that is delivered quarterly.

RELEVANT SKILLS

Certified in Public Health (CPH): Expires 1/9/2028
SAS Base Programmer for SAS 9 Certified: License BP048081v9
Statistical Analysis Software Packages: Intermediate in R and SPSS
Microsoft Office: Advanced in all programs of the software package

PUBLICATIONS

Podewils LJ, Burket TL, Mettenbrink C, Steiner A, **Seidel A**, Scott K, Cervantes L, Hasnain-Wynia R. *Disproportionate Incidence of COVID-19 Infection, Hospitalizations, and Deaths Among Persons Identifying as Hispanic or Latino — Denver, Colorado March–October 2020*. MMWR Morb Mortal Wkly Rep 2020;69:1812–1816.

Seidel AK, Schetzina KE, Freeman SC, Coulter MA, & Colgrove NC. *Comparison of Breastfeeding Knowledge, Attitudes, and Beliefs Before and After Educational Intervention for Rural Appalachian High School Students*. Southern Medical Journal. 2012, 106(3).

PRESENTATIONS

Seidel AK, Davidson AJ, Lee DM, Lavaux KS, Pruckler R, Ophaug SE, McClung M, Podewils LJ. (Oral Presentation, June 2019). Weeding out Contaminants: An Assessment of Pesticides and Microbials in Marijuana Products Sold in Denver Colorado. Council for State and Territorial Epidemiologists, Raleigh, NC.

Seidel AK, Canas L, Yohannes R. (Poster, June 2013). Viability of Archived Respiratory and Influenza Specimens Used for Laboratory Preparedness Exercise. Council for State and Territorial Epidemiologists, Pasadena, CA.

Seidel AK, Schetzina K, Freeman S, Coulter M, & Colgrove N. (Oral Presentation, April 2012). Comparison of Breastfeeding Knowledge, Attitudes, and Beliefs Before and After Educational Intervention for Northeast Tennessee High School Students. Appalachian Student Research Forum, Johnson City, TN.

- Awarded 1st place among Master's level students in the Oral Presentation category

Khoury AJ, Hillhouse JJ, **Seidel AK**. (Poster, October 2011). An Innovative Systems-Based Conceptual Framework of Physician Cancer Screening Decision-Making. American Public Health Association, Washington, DC.