

AMY HELENE SCHNALL

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QUALIFICATIONS

- Over twelve years of experience applying epidemiology skills and scientific oversight in assessments, research, and surveillance
- Leadership experience in field epidemiology, working with partners, and public health emergency preparedness, response, and recovery
- Significant experience in planning, implementing, and managing short- and long-term projects

EDUCATION

Doctorate in Public Health	Georgia State University, <i>expected 2021</i>
Certificate in Field Epidemiology	University of North Carolina, May 2010
Master in Public Health	Emory University, May 2006 <i>Behavioral Science and Health Education</i>
Bachelor of Arts	Princeton University, May 2004 <i>Sociology, Magna Cum Laude</i> <i>African American Studies Certificate</i>

WORK EXPERIENCE

Epidemiologist (601, GS-13) CDC National Center for Environmental Health, Division of Environmental Health Science and Practice, Health Studies, **Sept 2015–present**

- Serve as CDC/NCEH lead for the National Poison Data System (NPDS): a surveillance system of 90 million records to detect and track exposures to hazardous substances and associated illnesses
 - Consult and collaborate with statistical, data science, and public health professionals in the collection, processing, and coding of data related to public health threats identified in NPDS
 - Develop and execute proposals and projects that align with research goals for the center
 - Design appropriate public health interventions such as crafting health messaging based on epidemiologic findings to reduce negative impacts of emerging public health threats (e.g., COVID-19, natural disasters)
 - Oversee ~\$1.2M cooperative agreement with the American Association of Poison Control Centers (AAPCC); determine best use of funds to further public health surveillance activities and manage roles and responsibilities of staff
 - Develop requests for proposals, statements of work, study budgets and timelines, and other documents to implement scientific tasks related to the cooperative agreement
- Serve as recognized leader and subject matter expert (SME) in disaster epidemiology and the Community Assessment for Public Health Emergency Response (CASPER)
 - Lead, develop, manage, and coordinate trainings on CASPER, disaster morbidity surveillance, disaster mortality surveillance, and radiation emergency preparedness to state, tribal, local, and territorial (STLT) health agencies and emergency managers. Improve productivity, effectiveness, and efficiency of training program through new and innovative methods based on experience, formal, and informal evaluation
 - Provide technical assistance, both in field and remotely, and coordinate with STLT partners to design, plan, and/or initiate epi public health practice or studies. This includes over 150 CASPERs (e.g., leading CASPERs related to the 2017 hurricanes, White House Drought Initiative, Zika response, West Virginia flooding). Provided technical assistance and leadership for COVID-19

- response for community assessments including modified CASPERs for seroepidemiologic investigations, community assessments while social distancing, and other methodologies
- Serve as consultant and disaster epidemiology SME on several panels and workgroups including Center for Preparedness and Response (CPR) mental health surveillance during disasters project, Council of State and Territorial Epidemiologists (CSTE) disaster epidemiology workgroup, Poison Center and Public Health Community of Practice, and more
- Recognized gap in information and materials and developed CDC's CASPER website including interactive map and one-page fact sheets and updating CASPER toolkit as well as coordinated with SAMHSA to develop appropriate behavioral and mental health questions
- Manage and conduct response activities, field epidemiology, and surveillance
 - Provide technical assistance in epidemiology and surveillance activities to STLT partners as well as other health agencies, education partners, and nonprofit organizations by deploying to the field or Emergency Operations Center (EOC) for environmental and other disasters such as hurricanes (Harvey, Irma, Maria, Matthew), floods, water contamination (e.g., Flint Water Crisis), radiation (Fukushima), etc.
 - Identified as lead epidemiologist on the Advanced Public Health Team to the U.S. Virgin Islands for the Hurricane Irma/Maria response, developed epi protocol for USVI response, lead the USVI hurricane CASPERs, developed proposals for recovery funding for the 2017 Hurricane Season; served as primary contact and lead of American Red Cross surveillance efforts in CONUS and USVI. Lead epidemiology recovery in the USVI through ~4-month deployment
 - Serve role as SME in epidemiology including monitoring, analyzing, and reporting data from the National Poison Data System (NPDS) and American Red Cross; providing advice in the development and implementation of epidemiologic methods for obtaining and using scientific data in a response; analyzing and reporting/disseminating data to a wide variety of audiences; and coordinating teams in the field
 - Serve as Epi/Surv task force lead in natural disaster EOC responses (when not deployed in field) and radiation exercises. Served as public health liaison or epidemiology SME in the IRCT/EOC during nationwide exercises such as Gotham Shield and Cascadia Rising
 - Global Rapid Response Team (GRRT) and Opioid Rapid Response Team (ORRT) member
 - Technical lead for Project 3-4 of 2017 Hurricane Crisis CoAg (2018-2020)
- Designed, planned, and initiated epidemiologic studies, surveys, and investigations
 - Wrote and oversee cooperative agreement with the Council of State and Territorial Epidemiologist (CSTE) to increase disaster epidemiology capacity to implement data-driven public health programs and services in USVI following the 2017 hurricanes. Study will help the territory investigate opioid misuse and deaths, the increase in suicides, homelessness and deaths among mental health clients in the community, pregnant alcohol- or drug-dependent clients, and adolescence with mental health or substance abuse problems
 - Designed, wrote, and oversee Achieving Public Health Impact Through Research (APHIR) contract with Research Triangle Institute (RTI) to determine the availability, use, and public health impact of emergency supply kits among disaster-affected populations
 - Developed and implemented cooperative agreement to pilot a project between American Red Cross and Dharma to modernize data collection, transmission, and analysis during public health emergencies moving from an archaic paper-based system to an electronic, near-real time system
 - Designed and wrote Notice of Funding Opportunity for COVID-19 activities related to National Poison Data System to be funded via CARES Act to investigate calls to poison centers related to COVID-19 illness and clinical management (e.g., treatment, medication use, adverse events) and/or exposure calls related to potentially harmful actions taken by individuals to prevent, treat, or cure COVID-19 (e.g., vitamin and herbal supplement use, exposure to cleaning products)
- Provide leadership to team members and maintained leadership role in multiple projects

- Provide leadership to team members as acting team lead upon multiple occasions yearly when team lead is on travel, deployment, or leave
- Manage, lead, and supervise various individuals who joined the team on full or part-time basis, including students and fellows
- Lead and co-authored papers, textbook, presentations, etc. (see below)

Epidemiologist (601, GS-13), CDC Center for Global Health, International Experience and Technical Assistance (detail), January 2019 – May 2019

- Deployed as subject matter expert (SME) to Dar es Salaam, Tanzania to provide technical assistance for global health security activities in strengthening surveillance, emergency preparedness and response, and workforce development in collaboration with the Tanzania Ministry of Health (MoH) and multi-governmental sectors, implementing partners, as well as non-governmental organizations
 - Developed National Integrated Disease Surveillance and Response (IDSR) event-based surveillance (EBS) guidelines
 - Developed framework for partners on public health surveillance system strengthening
 - Review tools and data systems to capture, use, and report surveillance data across the health systems for indicator and event-based surveillance systems, including methods used in routine data analyses to monitor priority diseases, event management, and impact of public health interventions at local, regional, and national levels
- Provide technical assistance to partners to strengthen foundational indicator and event-based surveillance systems and increase coverage of surveillance systems in country
 - Assist with shifting current surveillance in Kilimanjaro and Arusha region to Kigoma and Tabora regions to help address current relevant issues
 - Incorporating Community Based Surveillance (CBS) evaluation into guidelines and continue to work with partners to ensure guidelines are implemented correctly before bringing in new partners
 - Strengthen the facility-based IDSR system to provide accurate and timely weekly and monthly reporting from sub-national to national levels to promote knowledge sharing and to motivate all those involved in the detection, reporting, and response chain
- Provide support and training to field staff, Field Epidemiology and Laboratory Training Program (FELTP) Tanzania, and others on emergency response and other disaster-related activities in support of current (e.g., Ebola Virus Disease) and future responses
 - Developed disaster epidemiology training for Tanzania FELTP Frontline, Intermediate, and Advanced cohorts. Provided training to Frontline cohort in border region of DRC
 - Review protocols and assist with point of entry screening, infection prevention control (IPC), etc. to prepare because of current ebola outbreak in neighboring DRC
- Assist in development of protocols defining relationship between national and subnational Emergency Operations Centers (EOCs) in Tanzania.
 - Provide guidance on establishing EOCs to subnational areas, including possibility of supporting an EOC in Zanzibar and Kigoma region to help ensure central command and control for carrying out the principles of emergency preparedness and management functions at a strategic level during a disaster or emergency and ensuring the continuity of operations
 - Developed 5-year operational plan and incorporated plan into upcoming Notice of Funding Opportunity (NOFO) and Tanzania country office midyear report

Epidemiologist (Associate Service Fellow, GS-12) CDC National Center for Environmental Health, Division of Environmental Hazards and Health Effects, Health Studies Branch, Jan 2011–Sept 2015

- Served as CDC SME in disaster epidemiology throughout the disaster life cycle
 - Lead and/or member of the epidemiologic method Community Assessment for Public Health Emergency Response (CASPER) providing technical assistance including questionnaire

- development, sampling methodology, suggestions for modifying the methodology, creation of maps using ArcGIS, advice on analysis of data, preparation of reports for stakeholder decision-making, and strategies for implementing recommendations based on data
- Radiation SME for the Disaster Epidemiology and Response Team including participation in radiation preparedness activities, development of epidemiologic forms, and presentations at conferences and trainings
 - Served as SME for the congressional-funded Hurricane Sandy grantees related to morbidity and mortality
 - Epidemiology and Surveillance SME in EOC or in field for CDC response to natural and man-made disasters such as the Hurricanes Sandy and Irene, 2011 Alabama tornados, and Japanese earthquake and tsunami among others. Served as field epidemiologist in Bong and Margibi counties during the Ebola response.
- Applied knowledge of complex epi methods and practices to conduct scientific studies to identify and solve public health issues such as state/local disaster preparedness and risk factors for morbidity and mortality and communicate these findings to a wide range of audiences
 - Identified and analyzed these issues and their impact such as exposure to carbon monoxide after Hurricane Sandy and mortality related to the 2011 Alabama tornados
 - Worked with the NCEH communication team, internal scientists, and external contractors to develop one-page “persona” fact sheets, a marketing plan, “Stories of the Month”, branch fact sheets, Infographics, and “elevator speeches”.
 - Developed many key disaster epidemiology webpages on the CDC website including HSB’s website (specifically the DERT pages), winter weather webpages, and the lightning webpage
 - Presented findings to the scientific community at professional meetings, conferences, webinars, as well as through publication in scientific journals
 - Coordinated with internal and external partners to help advance the field of disaster epidemiology, disaster preparedness, and disaster response
 - Led efforts for the cross-CIO and external partner Disaster Epidemiology Community of Practice (DECoP) workgroup including creating and managing a multi-use SharePoint site, planning meetings, organizing webinars, and leveraging partner relationships to improve productivity, effectiveness, and efficiency in disaster response operations between federal and non-federal organizations
 - Active member of American Red Cross Surveillance Committee. Modified their surveillance tools and standard operating protocols for implementation, produced trainings of these scientific tools and procedures for their volunteers, and provide scientific guidance with response activities via phone/email or in-field during an event.
 - Participated in CSTE Disaster Epidemiology Workgroup and several subcommittees including the planning committee for the annual workshop
 - Developed, managed, and led all disaster epidemiology trainings for NCEH/HSB tools and methods to state, tribal, local, territorial health agencies and emergency managers
 - Co-created the international Field Epidemiology Training Program (FETP) Disaster Epidemiology and Response Training Modules

Epidemiologist (TKC Global Contractor, GS-11) CDC National Center for Environmental Health, Division of Environmental Hazards and Health Effects, Health Studies Branch, **Oct 2008–Dec 2010**

- Coordinated and managed the Disaster Surveillance Workgroup (DSWG) grant, budget, membership, meetings, and partner sites
 - Planned DSWG conference meetings and presentations

- Submitted abstracts, delivered presentations, and provided trainings on disaster epidemiology and surveillance
- Assisted in disaster preparedness and response activities
 - Analyzed and reported data during disasters including the American Samoa tsunami, Haiti earthquake, and Deepwater Horizon Oil Spill.
 - Analyzed data and wrote reports based on American Red Cross (Red Cross) surveillance data received during responses as well as updated Red Cross surveillance tools to better meet the needs of Red Cross volunteers and clients
 - Refined DSWG tools, developed data dictionary, and created a bank of questions for use during a disaster response including the Mental Health Resource Guide
- Developed and strengthened key partnerships with external organizations including state and local jurisdictions as well as non-governmental organizations (NGOs) and others
 - Founding member of the CSTE Disaster Epidemiology Subcommittee and key member of several workgroups within the subcommittee including Planning, Public Health Preparedness, Lessons Learned, Baseline Data, and Disaster Epidemiology Toolkit.
 - Strengthened partnerships with the American Red Cross (including the timely sharing of data), the Council of State and Territorial Epidemiologists (CSTE), and states/local health departments through participation in several workgroups, conferences, providing technical assistance, and responding to informational requests.
- Communicated information to various audiences by presenting response findings and explaining recommendations, reporting papers, and providing guidance for new tools at various professional meetings and conferences on the national, regional, and local level.
 - Prepared paper on the pilot study validation of the Natural Disaster Morbidity Report form and present findings to the scientific community
 - Conducted literature review on disaster epidemiology (i.e., rapid needs assessments, surveillance, epidemiologic studies, evaluation/efficacy studies) to identify gaps and inconsistencies where tools needed to be created; timing for implementation of assessments, surveillance systems, investigations, and research during a response; analysis and reporting methods; and ways to improve public health programs.

Research Fellow (ORISE, GS-9) CDC National Center for Chronic Disease Prevention and Health Promotion, Division of Adolescent and School Health, Research Application Branch **Oct 2006–Sept 2008**

- Conducted literature reviews and research studies related to academic achievement and health
 - Conducted in-depth literature review, identified gaps in research, and prepared paper on the association between academic achievement and health-risk behaviors
 - Designed and implemented research study related to academic achievement and human health behaviors with Youth Risk Behavior Surveillance System (YRBSS) data and reported data for dissemination to a wide variety of audiences through the creation of the YRBSS and grades fact sheets, PowerPoint slides, and presentations
 - Synthesized research on health-risks associated with the exposure to pornography and prepared a report for management and policy decision-making
 - Conducted systematic research on youth development and alcohol and other drug use, education behaviors and health-risk behaviors, effective programs for American Indians/Alaskan Natives, and physical activity and academic achievement
- Provided scientific advice and technical expertise to various partners based on research
 - Developed and maintained CDC's Student Health and Academic Achievement webpage
 - Prepared paper on association between academic achievement and school health programs, health-risk behaviors, and other topics

- Developed communication materials such as viewpoint report on health and education disparities, responses to CDC Info questions, and the health and academics podcast

Tracking Teen Trends (T3) Graduate Research Fellow, Emory University, Rollins School of Public Health, Atlanta GA, **May 2005–Sept 2006**

- Participated in NIH National Institute of Mental Health funded research grant study to describe characteristics of teens who access web pages with sexual content, examine associations between exposure to such web pages and teen's attitudes and health behaviors, and explore the relationships between hypothesized mediators and moderators on the relationship between exposure and outcomes
 - Designed and implemented standard criteria for coding sexual health content of the viewed web pages
 - Coded web pages, researched background literature and scales, and drafted proposals for adolescent Internet use and risk behaviors.
 - Identified inadequacies and gaps and synthesized research on the effect of sexually explicit material on adolescent behavior
 - Used SPSS to conduct advanced analysis of data for research on the effects of sexually explicit Internet content on adolescent female self-concept and high-risk behavior

ADDITIONAL TRAINING

- Building a Better Response – March 2020
- Preparing for Work Overseas – December 2018
- Foreign Affairs Counter Threat (FACT) training – December 2018
- Foreign Travel Safety Brief – November 2018
- PN113: Working in an Embassy – November 2018
- HT401: High Threat Security Overseas – Jan 2015
- Radiation Awareness Training for CDC Emergency Response – Aug 2014
- Rape, Abuse, and Incest, National Network (RAINN) Hotline Intensive Training – Dec 2013
- E960: ASPR All-Hazards Division/Group Supervisor Course - Sept 2012
- Responder Readiness Certificate - April 2011
- REAC/TS: Radiation Emergency Medicine - March 2011
- Radiological & Chemical Agents of Opportunity for Terrorism (AoO) - Jan 2011
- NIMS IS-300: Intermediate Incident Command System – Feb 2010
- FEMA ICS-300: Intermediate ICS for Expanding Incidents for First Responders – Feb 2010
- FEMA ICS-800: National Response Framework (NRF), An Introduction – Jan 2010
- FEMA ICS-700: National Incident Management System (NIMS), An Introduction – Jan 2010
- FEMA ICS-200: ICS for Single Resources & Initial Action Incidents – Jan 2010
- Preparation for a Domestic CDC Deployment - Jan 2010
- FEMA ICS-100: Introduction to Incident Command System – Dec 2009
- DEOC 101: Basic Responder Training – April 2009

HONORS, AWARDS, AND CERTIFICATES

- 2017 Certificate of Bravery, Hurricane Maria
Certificate of Appreciation, 2017 Gotham Shield Improvised Nuclear Device Exercise
Certificate of Appreciation, 2017 NCEH/ATSDR Summer Internship Program
Certificate of Gratitude and Appreciation, Ethiopia Disaster Preparedness and Response
- 2016 NCEH/ATSDR Honor Award, Excellence in Emergency Response (Domestic), Flint Water Crisis
NCEH/ATSDR Honor Award, Excellence in Human Capital Management: Employee Development (James Virgil Peavy Award), Disaster Epidemiology Training Team

- NCEH/ATSDR Honor Award, Excellence in Epidemiology (Domestic), WV Flood CASPER Team
NCEZID Honor Award, Ebola Epidemic in West Africa
CGH Excellence in Program Delivery (International), FETP Non-Communicable Disease (NCD) Mentor Working Group
- 2015 NCEZID Honor Award, Superlative Public Health Support, Unaccompanied Children crossing the United States border
- 2014 NCEH/ATSDR Honor Award, Excellence in Frontline Public Health Service, Unaccompanied Minor Response Team
- 2013 CDC/ATSDR Honor Award nominee, Excellence in Information Technology, Use of Smartphone Technology for Surveillance During Superstorm Sandy
NCEH/ATSDR Honor Award, Excellence in Program Delivery (Domestic), Multi-Center Disaster Epidemiology Training Team
- 2012 CDC/ATSDR Excellence in Emergency Response (Domestic) nominee, Agency Emergency Guidance and Information Sharing (AEGIS) System Team
CDC/ATSDR Excellence in Emergency Response (Domestic), Gulf Oil Spill Mental Health CASPER Team
- 2010 Certificate of Participation, CDC Deepwater Horizon Response
- 2009 Certificate of Participation, 2009 Novel Influenza A (H1N1) Response
- 2004 Princeton University Isadore Brown Thesis Award

PUBLICATIONS

Gharpure R, Miller G, Hunter C, **Schnall A**, Kunz J, Garcia-Williams A. Safe Use and Storage of Cleaners, Disinfectants, and Hand Sanitizers: Knowledge, Attitudes, and Practices among U.S. Adults During the COVID-19 Pandemic – May 2020 *American Journal of Tropical Medicine & Hygiene* 2021 [Accepted for publication]

Biggs HM, Harris JB, Breakwell L, Dahlgren FS, Abedi GR, et al. Estimated Community Seroprevalence of SARS-CoV-2 Antibodies – Two Georgia Counties, April 28-May 3, 2020. *MMWR* 69

<https://www.cdc.gov/mmwr/volumes/69/wr/pdfs/mm6929e2-H.pdf>

Gharpure R, Hunter CM, **Schnall A**, Barrett CE, Murphy J, et al. Knowledge, Attitudes, and Practices Regarding Household Cleaning Products and Safe Cleaning Behaviors for COVID-19 Prevention — United States, May 2020. *MMWR* 69

https://www.cdc.gov/mmwr/volumes/69/wr/mm6923e2.htm?s_cid=mm6923e2_e&deliveryName=USCDC_921-DM30015

Martinez D, Landon KA, McDermott W, Roth J, **Schnall A**, et al. Serial Hurricanes The 2017 Hurricane Public Health Responses: Case Studies Illustrating the Role of Centers for Disease Control and Prevention’s Public Health Emergency Preparedness Program. *Disaster Medicine and Public Health Preparedness* DOI:

<https://doi.org/10.1017/dmp.2020.75>

Chang A, **Schnall A**, Law R, Bronsten AC, Marraffa JM, et al. Cleaning and disinfectant chemical exposures and temporal associations with COVID-19 – National Poison Data System, United States, January 1 2020 – March 31, 2020. <https://www.cdc.gov/mmwr/volumes/69/wr/mm6916e1.htm> *MMWR* 69(16);496-498

Community Assessment for Public Health Emergency Response (CASPER) – 2017 Hurricane Recovery. U.S. Virgin Islands. October 2019 [Unpublished Report]

- Schnall A**, Wolkin AF, Roth JJ, Ellis EM. [Addressing community preparedness through Community Assessments for Public Health Emergency Response \(CASPERs\) – U.S. Virgin Islands, 2017-2018](#) American Journal of Public Health 2019 109(S4):303-8
- Schnall A**, Nakata N, Bayleyegn T. [Community Assessment for Public Health Emergency Response \(CASPER\) Toolkit 3.1](#). 2019. Atlanta GA
- Seger K, **Schnall A**, Roth J, Ellis B, Ellis EM. [Community assessments for mosquito prevention and control experiences, attitudes, and practices—U.S. Virgin Islands, 2017 and 2018](#) MMWR 68(22);500-504
- Schnall A**, Mponela M, Mmbuji P, Gatei W. Public health system strengthening: A framework for partners. Tanzania Division of Global Health Protection (DGHP). April 2019
- Tanzania Ministry of Health, Community Development, Gender, Elderly, and Children (MoHCDGEC). National Integrated Disease Surveillance and Response – Event-Based Surveillance (EBS) Guidelines. April 2019
- Schnall A**, Roth J, Ellis B, Seger K, Davis M, Ellis EM. [Addressing community needs during the hurricane response and recovery efforts through Community Assessments for Public Health Emergency Response \(CASPERs\) – U.S. Virgin Islands, 2017-2018](#). Disaster Medicine and Public Health Preparedness: 2019, Vol 13, No. 1: 53-62.
- Schnall A**, Roth J, Ekpo L, Guendel I, Davis M, Ellis EM. [Disaster-related surveillance among United States Virgin Islands \(USVI\) shelters during the Hurricanes Irma and Maria](#). Disaster Medicine and Public Health Preparedness: 2019, Vol 13, No. 1
- Schnall A**, Hanchey A, Nakata N, Wang A, Jeddy Z, Alva H, Tan C, Casey-Lockyer M. [Disaster-related Shelter Surveillance during Hurricanes Harvey -- Texas, 2017](#) Disaster Medicine and Public Health Preparedness DOI: <https://doi.org/10.1017/dmp.2019.25>
- Wolkin A, **Schnall A**, Ellis EM, Nakata N. [Getting the Message Out: Social Media and Word-of-Mouth as Effective Communication Methods During Emergencies](#) Preshospital and Disaster Medicine. Published online 26 Dec 2018
- Lauriola P, Leonardi G, Righi E, Bayleyegn T, **Schnall A**, Malilay J, Louca S, Behbod B. Natural Disaster – Environmental Health Preparedness. Encyclopedia of Environmental Health, 2nd Edition. 2018
- Fortenberry GZ, Reynolds P, Burrer SL, Johnson-Lawrence V, Wang A, **Schnall A**, Pullins P, Kieszak S, Bayleyegn T, Wolkin A. [Assessment of behavioral health concerns in the community affected by the Flint water crisis – Michigan \(USA\) 2016](#). Preshospital and Disaster Medicine: June 2018, Vol. 33, No. 3
- Schnall A**, Wolkin A, Bayleyegn T. Applications: Community Assessment for Public Health Emergency Response. In Horney J, ed. [Disaster Epidemiology: Methods and Applications](#). 1st Ed. Academic Press; 2017
- Schnall A**, Wolkin A, Nakata N. Methods: Questionnaire Development and Interview Techniques. In Horney J, ed. [Disaster Epidemiology: Methods and Applications](#). 1st Ed. Academic Press; 2017
- Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Community Assessment for Public Health Emergency Response (CASPER) addressing the ongoing response to Zika virus – U.S. Virgin Islands, 2017. 2017 September [Unpublished Report]

Schnall A, Nakata N, Talbert T, Bayleyegn T, Martinez D, Wolkin A. [An innovative resource for public health emergency management: Community Assessment for Public Health Emergency Response \(CASPER\) as an emergency management tool in the United States](#). American Journal of Public Health

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Community Assessment for Public Health Emergency Response (CASPER) addressing Drought in California and Oregon. 2017 July [Unpublished Report]

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Community Assessment for Public Health Emergency Response (CASPER) addressing Drought in Oregon. 2017 June [Unpublished Report]

Schnall A, Law R, Heinzerling A, Sircar K, Damon S, Yip F, Schier J, Bayleyegn T, Wolkin A. [Characterization of Carbon Monoxide Exposure During Hurricane Sandy and Subsequent Nor'easter. Disaster Medicine and Public Health Preparedness](#). 2017 April; 1-6.

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Response and Recovery Needs of Communities Affected by Flooding – West Virginia, August 2016. [Unpublished Report]

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Community Assessment for Public Health Emergency Response (CASPER) addressing Drought in California. 2016 December [Unpublished Report]

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Community Assessment for Public Health Emergency Response (CASPER) after the Flint Water Crisis: May 17-19, 2017. 2017 July [Unpublished Report]

Centers for Disease Control Prevention (CDC). [A Primer for Understanding the Principles and Practices of Disaster Surveillance in the United States: First edition](#). CDC: Atlanta GA 2016

Centers for Disease Control Prevention (CDC). Planning for an Emergency: Strategies for Identifying and Engaging At-Risk Groups. A Guidance document for Emergency Managers: First edition. CDC: Atlanta GA 2015

Bayleyegn T, **Schnall A**, Ballou S, Zane D, Burrer S, Noe R, Wolkin A. [Use of Community Assessments for Public Health Emergency Response \(CASPERs\) to Rapidly Assess Public Health Threats - United States, 2003-2012](#). Prehospital and Disaster Medicine 2015 30(4):374-81.

Maricopa County Public Health. Community Assessment for Public Health Emergency (CASPER) Heat Vulnerability and Emergency Preparedness Needs Assessment Maricopa County, Arizona – March 2015. [Unpublished Report].

Wolkin A, **Schnall A**, Law R, Schier J. [Using Poison Center Data for Post-Disaster Surveillance](#). Disaster Medicine and Public Health Preparedness 2014 29(5): 521-524.

Malilay J, Heumann M, Perrotta D, Wolkin A, **Schnall A**, Podgornik M, et al. [The Role of Applied Epidemiology Methods in the Disaster Management Cycle](#). American Journal of Public Health 2014 [online September 11, 2014]

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Training: E-Learning tool; published online 2014

Nyaku M, Bies S, Stanbury M, Beggs J, McFadden J, Collins J, **Schnall A**, Wolkin A, Murti M, Bayleyegn T. [Assessing Radiation Emergency Preparedness Planning by Using Community Assessment for Public Health Emergency Response \(CASPER\) Methodology — Oakland County, Michigan USA, 2012](#). Prehospital and Disaster Medicine 2014 29(3): 1-9.

Toledo-Lucas County Health Department. Community Assessment for Public Health Emergency Response (CASPER) Following Detection of Microcystin Toxin in a Municipal Water Supply, Lucas County, Ohio, September 2014. [Unpublished Report]

Chiu C, **Schnall A**, Mertzluft C, Noe R, Wolkin A, Spears J, Casey-Lockyer M, Vagi. [Mortality from a tornado outbreak – Alabama, 27 April 2011](#). American Journal of Public Health 2013 103(8): e52-e58.

Buttke D, Vagi S, Bayleyegn T, **Schnall A**, Morrison M, Allen M, Wolkin A. [Communication, information-seeking, and evacuation plans for a disaster in the Gulf Coast counties of Alabama and Mississippi, 2011](#) Journal of Emergency Management 2013 11(3): 213-223.

Noe R, **Schnall A**, Wolkin A, Podgornik M, Wood A, Spears J, Stanley S. [Disaster-related Injuries and Illnesses Treated by American Red Cross Disaster Health Services during Hurricanes Gustav and Ike](#). Southern Medical Journal 2013 106(1): 102-108.

Centers for Disease Control and Prevention (CDC), Health Studies Branch (HSB). Household Emergency Preparedness – Oakland County, Michigan, September 2012. 2013 February [Unpublished Report]

Buttke D, Vagi S, **Schnall A**, Bayleyegn T, Morrison M, Allen M, Wolkin A. [Community Assessment for Public Health Emergency Response \(CASPER\) one year following the Gulf Coast Oil Spill: Alabama and Mississippi, 2011](#). Prehosp Disaster Med 2012 27(6): 496-502.

Centers for Disease Control and Prevention (CDC). [Tornado-related fatalities – Five states, southeastern United States, April 25–28, 2011](#). MMWR. 2012 61(28):529-33.

Chiu C, Vagi S, **Schnall A**, Noe R, Pillai S, Carter C, Wolkin A. Knowledge of Winter Warnings and Emergency Preparedness in Burleigh County, North Dakota, April 2012. 2012 [Unpublished Report]

Bayleyegn T, Vagi S, **Schnall A**, Podgornik M, Noe R, Wolkin A. Community Assessment for Public Health Emergency Response (CASPER) Toolkit: Second edition. Atlanta (GA): CDC; 2012.

Buttke D, Vagi S, **Schnall A**, Behrooz B, Bayleyegn T, Wolkin A. Community Assessment for Public Health Emergency Response (CASPER) one year following the Gulf Coast Oil Spill: Mississippi, 2011. 2011 Oct [Unpublished Report]

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Schnall A, Wolkin A, Noe R, Hausman L, Wiersma P, Cookson R. [Evaluation of a Standardized Morbidity Surveillance Form for Use in Natural Disasters](#). Prehosp Disaster Med. 2011 26(2):90-98

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Buttke B, Vagi S, Fleischer N, Podgornik M, Strine T, Gould D, **Schnall A**, Bell J, Wolkin A. Community Assessment for Public Health Emergency Response (CASPER) after the Gulf Coast Oil Spill: Alabama, 2010. 2010 September [Unpublished Report]

Schnall A, Brener N, Fisher C, Michael S. The association between health-risk behaviors and student academic achievement. [submitted to Journal of School Health]

Centers for Disease Control and Prevention (CDC). Youth Risk Behavioral Surveillance System (YRBSS): Health-Risk Behaviors & Academic Achievement; Tobacco Use & Academic Achievement; Alcohol & Other Drugs & Academic Achievement; Sexual Risk Behaviors & Academic Achievement; Unhealthy Weight Control Behaviors, Physical Inactivity & Academic Achievement; Unintentional Injuries & Violence-Related Behaviors & Academic Achievement [Fact Sheet Series]

Schnall A. The effects of sexually explicit internet content on adolescent female self-concept and high risk behavior [Unpublished Masters Thesis, 2006]

Schnall A. Maternal perceptions of child habitus vs. objective BMI data: Can a disease be treated if unrecognized? [Unpublished Senior Thesis, 2004]

Schnall A. Fit bodies, unfit perceptions?: An analysis of body image, eating disorders, and gender role conflict within varying sports at Princeton. [Unpublished Junior Thesis, 2003]

PRESENTATIONS

Schnall A, Wolkin A, Roth J, Ellis E. Use of Community Assessments for Public Health Emergency Response (CASPER) to assess behavioral and mental health during disasters: The U.S. Virgin Island Hurricanes Irma and Maria response and recovery efforts. International Preparedness and Response to Emergencies and Disasters (IPRED). Tel Aviv, Israel; January 2020

Funk R, **Schnall A**, Wolkin A. Overview of Disaster Epidemiology: Panel presentation. International Preparedness and Response to Emergencies and Disasters (IPRED). Tel Aviv, Israel; January 2020

Schnall A, Wolkin A. Getting the Message Out – Social Media and Word-of-Mouth as Effective Communication Methods during Emergencies in the United States. International Preparedness and Response to Emergencies and Disasters (IPRED). Tel Aviv, Israel; January 2020

Schnall A. Disaster Epidemiology. Preparedness Field Assignee (PFA) Annual Meeting. Atlanta GA; October 2019

Schnall A. Use of Community Assessments for Public Health Emergency Response (CASPER) for mental health. CDC Mental Health Forum. Atlanta GA; October 2019

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Georgia Public Health Association (GPHA) Safety & Health Preparedness Section. Atlanta GA; May 2019

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Atlanta GA; May 2019

Schnall A. Disaster Epidemiology 101. Tanzania Field Epidemiology Training Program (FETP) Frontline cohort. Mwanza Tanzania; March 2019

Schnall A. Public Health Emergency Operations Centers (PHEOCs). Tanzania Centers for Disease Control and Prevention. Dar es Salaam Tanzania; April 2019

Bayleyegn T, **Schnall A.** Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Philadelphia PA; December 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Lansing MI; November 2018

Schnall A. Disaster Epidemiology, Radiation Emergency Preparedness, and Morbidity and Mortality Surveillance. Full-day Training: Lansing MI; November 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Career Epidemiology Field Officer (CEFO) Annual Meeting Half-day training: St Atlanta, GA; October 2018

Schnall A, Hanchey A, Bayleyegn T. Disaster Preparedness and Response Training: Modules 1-3. Public Health Emergency Management (PHEM) Fellows; October 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Houston Health Department Crisis NOFO 3-4 Training; Houston, TX; October 2018

Seger KR., **Schnall A,** Roth J, Ellis EM, Ellis BR. Vector mosquitoes and community knowledge, attitudes, and practices during emergency response and recovery in the United States Virgin Islands. American Society of Tropical Medicine and Hygiene Annual Meeting. October 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: St Paul, MN; June 2018

Schnall A. Developing the Public Health Workforce through the Creation of a Disaster Epidemiology Curriculum. Council of State and Territorial Epidemiologists (CSTE) Annual Conference: West Palm Beach, FL; June 2018

Schnall A, Roth J, Ellis EM. Conducting Community Assessments for Public Health Emergency Response (CASPERs) to Address the Immediate and Ongoing Needs after Hurricanes Irma and Maria – US Virgin Islands. Council of State and Territorial Epidemiologists (CSTE) Annual Conference: West Palm Beach, FL; June 2018

Schnall A. Disaster-Related Shelter Surveillance during Hurricane Harvey – Texas, 2017. Council of State and Territorial Epidemiologists (CSTE) Annual Conference: West Palm Beach, FL; June 2018

Roth J, **Schnall A,** Ellis EM. Community Assessment for Public Health Emergency Response (CASPER) to Address the Ongoing Zika Outbreak in the U.S. Virgin Islands. Council of State and Territorial Epidemiologists (CSTE) Annual Conference: West Palm Beach, FL; June 2018

Roth J, **Schnall A,** Ellis EM. The Epidemiologic Response to Hurricanes Irma and Maria – U.S. Virgin Islands, 2017. Council of State and Territorial Epidemiologists (CSTE) Annual Conference: West Palm Beach, FL; June 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Oklahoma City, OK; June 2018

Roth J, **Schnall A,** Ellis EM. US Virgin Islands Hurricane Response: Applying CASPER and Lessons Learned. Council of State and Territorial Epidemiologists (CSTE) Disaster Epidemiology Annual Workshop: Atlanta, GA; May 2018

Schnall A. Disaster Epidemiology: Responding to the Indirect Effects of Disasters. Keynote Speech: Michigan Communicable Disease Annual Epidemiology Conference; April 2018

Seger K, Roth J, Ellis B, **Schnall A**, Esther EM. A Community Assessment for Public Health Emergency Response (CASPER) to inform the Zika outbreak response in the U.S. Virgin Islands. American Mosquito Control Association; March 2018

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Public Health Ontario Grand Rounds; February 2018

Nakata N, Bayleyegn T, **Schnall A.** Community Assessment for Public Health Emergency Response (CASPER). Epidemic Intelligence Service Officer (EISO) Fall Course; December 2017

Schnall A, Nakata N. Disaster Epidemiology and Community Assessment for Public Health Emergency Response (CASPER). Preparedness Field Assignee (PFA) Annual Meeting; November 2017

Nakata N, Bayleyegn T, Hanchey A, Wang A, **Schnall A.** Disaster Preparedness and Response Training: Modules 1-3. Public Health Emergency Management (PHEM) Fellows; September 2017

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Public Health Emergency Readiness Program; August 2017

Schnall A. Disaster Epidemiology and Surveillance. Public Health Emergency Readiness Program; August 2017

Nakata N, **Schnall A**, Vagi S, Malilay J. Landslides as Public Health Hazards: Review of Epidemiologic Data. Presentation: Council of State and Territorial Epidemiologists (CSTE) Annual Meeting; June 2017

Schnall A, Hanchey A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Milwaukee WI; June 2017

Schnall A, Hanchey A, Nakata N. Disaster Epidemiology and Surveillance. Half-day Training: Milwaukee WI; June 2017

Schnall A, Hanchey A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Bloomington IL; June 2017

Schnall A. Emerging Issues: Health Studies Branch Response to Drought in the United States. Presentation: Council of State and Territorial Epidemiologists (CSTE) Disaster Epidemiology Workshop; May 2017

Nakata N, **Schnall A.** Community Assessment for Public Health Emergency Response (CASPER). Public Health Emergency Readiness Program; March 2017

Nakata N, **Schnall A.** Disaster Epidemiology and Surveillance. Public Health Emergency Readiness Program; March 2017

Schnall A, Hanchey A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Austin TX; February 2017

Bayleyegn T, **Schnall A**, Nakata N. Disaster Preparedness and Response Training: Modules 1-3. Ethiopia Field Epidemiology Training Program (E-FETP) Fellows; Addis Ababa Ethiopia; January 2017

Schnall A, Nakata N, Bayleyegn T. Community Assessment for Public Health Emergency Response (CASPER). Epidemic Intelligence Service Officer (EISO) Fall Course; December 2016

Schnall A, Nakata N, Bayleyegn T. Disaster Preparedness and Response Training: Modules 1-3. Public Health Emergency Management (PHEM) Fellows; September 2016

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Public Health Emergency Readiness Program; August 2016

Schnall A. Disaster Epidemiology and Surveillance. Public Health Emergency Readiness Program; August 2016

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). West Palm Beach FL; August 2016

Schnall A, Nakata N. Disaster Epidemiology and Surveillance. Half-day Training: West Palm Beach FL; August 2016

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Fort Walton Beach FL; August 2016

Schnall A, Yard E. Disaster Epidemiology and Surveillance. Half-day Training: St Paul MN; July 2016

Malilay J, Vagi S, **Schnall A**, Nakata N. Landslides as Public Health Hazards: Review of Epidemiologic Data. Presentation: Council of State and Territorial Epidemiologists (CSTE) Annual Meeting; June 2016

Schnall A. Disaster Epidemiology: Conducting Epidemiologic Activities in Response to Disasters and the Disaster Epidemiology Community of Practice (DECOP). Florida Statewide Epidemiology Conference; June 2016

Schnall A. Public Health Communities of Practice (CoPs) Florida Statewide Epidemiology Conference; June 2016

Schnall A, Nakata N, Bayleyegn T. Disaster Preparedness and Response Training: Modules 1-3. Public Health Emergency Management (PHEM) Fellows; May 2016

Schnall A. Community Assessment for Public Health Emergency Response (CASPER) Workshop. Public Health Preparedness Summit; April 2016

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop: Regional Disaster Epidemiology Training; Phoenix AZ; April 2016

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Public Health Emergency Readiness Program; March 2016

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop: Regional Disaster Epidemiology Training; Lexington KY; April 2016

Schnall A. Disaster Epidemiology and Surveillance. Public Health Emergency Readiness Program; March 2016

Schnall A. Responding to all phases of a disaster: An Overview of HSB's disaster epidemiology tools, templates, and documents. 2016 Summit on Environmental Hazards and Health Effects; Atlanta GA, January 2016

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop: Regional Disaster Epidemiology Training; Bloomington IL; November 2015

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training; Anchorage AK; September 2016

Schnall A, Nakata N, Noe R. Disaster Epidemiology and Surveillance. Half-day Training; Anchorage AK; September 2015

Schnall A, Bayleyegn T, Nakata N. Disaster Preparedness and Response Training: Modules 1-3. Public Health Emergency Management (PHEM) Fellows; September 2015

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop: Albuquerque Area Southwest Tribal Epidemiology Center (AASSTEC); Albuquerque NM; August 2015

Nakata N, Wolkin A, **Schnall A**, Noe R, Burrer S, Olayinka O, Bayleyegn T. Developing a Guidance Document to Improve Public Health Surveillance during Disasters. CSTE Annual Conference; June 2015

Bayleyegn T, **Schnall A**, Ballou S, Zane D, Burrer S, Noe R, Wolkin A. Use of Community Assessments for Public Health Emergency Response (CASPERs) to Rapidly Assess Public Health Threats — United States, 2003-2012. CSTE Annual Conference; June 2015

Schnall A. NCEH/HSB: Preparing for Hurricanes. National Public Health Information Coalition (NPHIC), April 2015

Schnall A, Zane D, Feldt B. Community Assessment for Public Health Emergency Response (CASPER). Public Health Preparedness Summit Workshop, March 2015

Bayleyegn T, **Schnall A.** Disaster Preparedness and Response Training: Modules 1-3. Ethiopia Field Epidemiology Training Program (E-FETP) Fellows; Addis Ababa Ethiopia; March 2015

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop; Phoenix AZ; March 2015

Schnall A. Disaster Epidemiology Surveillance Systems. Presentation: Public Health Readiness Certificate Program; Atlanta GA; Aug 2014

Schnall A. Community Assessment for Public Health Emergency Response. Presentation: Public Health Readiness Certificate Program; Atlanta GA; Aug 2014

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Workshop: Midwest Regional Disaster Epidemiology Training; Omaha NE; August 2014

Schnall A, Bayleyegn T, Nakata N. Disaster Epidemiology: Module 1-3. Training: Field Epidemiology Training Program (FETP); July 2014

Schnall A. Disaster Epidemiology: The United States Perspective. Conference: Pacific Northwest Cross Boarder Health Association; Portland OR; May 2014

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Half-day Training: Region V Medical Reserve Corp (MRC) Conference; Bloomington IL; May 2014

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Northeast Regional Disaster Epidemiology Training; Burlington VT; April 2014

Wolkin A, **Schnall A.** Reducing Public Health Risk during Disasters: Emergency Manager Approaches to Identifying At-Risk Populations. Presentation: 2014 Preparedness Summit; Atlanta GA; April 2014

Schnall A, Nakata N. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Mid-Atlantic Regional Disaster Epidemiology Training; Richmond VA; March 2014

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Northeast Regional Disaster Epidemiology Training; Brooklyn NY; January 2014

Schnall A, Noe R, Burrer S. Community Assessment for Public Health Emergency Response (CASPER). Applied Public Health Team (APHT) Webinar; December 2013

Schnall A. Using ArcGIS to sample for the Community Assessment for Public Health Emergency Response (CASPER). Webinar: Montana Department of Public Health and Human Services; September 2013

Schnall A. Using ArcGIS to sample for the Community Assessment for Public Health Emergency Response (CASPER). Half-day Training: City of Chicago Disaster Epidemiology Training; Chicago IL; July 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: City of Chicago Disaster Epidemiology Training; Chicago IL; June 2013

Schnall A. Public Health Disaster Surveillance: Epidemiologic Tools for Use after Disasters, Extreme Heat Events, and Radiation Emergencies. Full-day Training: City of Chicago Disaster Epidemiology Training; Chicago IL; June 2013

Wolkin A, **Schnall A.** Federal Epidemiology Response to Hurricane Sandy. CSTE Disaster Epidemiology Annual Workshop; May 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Public Health Preparedness Summit, May 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Regional Disaster Epidemiology Training; Tampa FL; May 2013

Noe R, **Schnall A.** Completing the revised American Red Cross Morbidity Shelter Surveillance Form. Webinar: American Red Cross; May 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Regional Disaster Epidemiology Training; Austin TX; April 2013

Schnall A, Law R, Caspary K. CDC tools for Radiological Preparedness and Response. Presentation: National Radiological Emergency Preparedness Conference (NREP); Austin TX; April 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Alleghany County Disaster Epidemiology Training; Pittsburgh PA; April 2013

Schnall A. Public Health Response after a Radiation Emergency: Introduction to Radiation and the Use of Epidemiologic Tools. Half-day training: Alleghany County Disaster Epidemiology Training; Pittsburgh PA; April 2013

Schnall A, Duncan MA, Funk R. Disaster epidemiology tools for improving all-hazard disaster preparedness and response capacities: Community Assessment for Public Health Emergency Response (CASPER), Emergency Responder Health Monitoring & Surveillance (ERHMS) system, and Assessment of Chemical Exposure (ACE). Interaction Session: Public Health Preparedness Summit; Atlanta GA; March 2013

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Seattle and King County Disaster Epidemiology Training; Seattle WA; Dec 2012

Schnall A. Public Health Disaster Surveillance: Epidemiologic Tools for Use after a Disaster or Radiation Emergency. Full-day Training: Seattle and King County Disaster Epidemiology Training; Seattle WA; Dec 2012

Schnall A. Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Colorado Department of Health and Environment Disaster Epidemiology Training; Denver CO; Oct 2012

Schnall A. Public Health Disaster Surveillance: Epidemiologic Tools for Use after a Disaster or Radiation Emergency. Full-day Training: Colorado Department of Health and Environment Disaster Epidemiology Training; Denver CO; Oct 2012

Chiu C, **Schnall A,** Bayleyegn T. CDC CASPER Methods. Full-day Training: Alabama Department of Public Health; Montgomery AL; Oct 2012

Schnall A, Bayleyegn T. Building Capacity for Conducting the Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Cuyahoga County CASPER Training Workshop; Sept 2012

Lewis L, **Schnall A.** Disaster Epidemiology Community of Practice (DECoP). Presentation: OPHPR Seminar Series; Atlanta GA; Sept 2012

Murti M, **Schnall A,** Bayleyegn T. Just-in-Time Training for the Community Assessment for Public Health Emergency Response (CASPER). Oakland County; Royal Oak MI; Sept 2012

Schnall A. CASPER Toolkit. Presentation: 2012 Career Epidemiology Field Officer (CEFO) National Meeting; Atlanta GA; Aug 2012

Bayleyegn T, **Schnall A,** Vagi S. CASPER EISO Training. Training: Incoming Epidemiologic Intelligence Service Officers; Atlanta GA; Aug 2012

Chiu C, **Schnall A.** Mortality after the Alabama Tornados. Presentation: Safe State Alliance Webinar; June 2012

Schnall A. Using ArcGIS for epidemiologic sampling of the Community Assessment for Public Health Emergency Response (CASPER). Webinar: Utah Department of Health; June 2012

Schnall A, Sugerman D, Turabelidze G, Fanfair R. Epidemiological Response to the Tornados in Alabama and Missouri: Council of State and Territorial Epidemiologists Disaster Epidemiology Subcommittee Workshop; Atlanta GA; May 2012

Schnall A, Vagi S. Building Capacity for the Community Assessment for Public Health Emergency Response (CASPER). Full-day Training: Council of State and Territorial Epidemiologists Disaster Epidemiology Subcommittee Training; Los Angeles CA; April 2013

Chiu C, **Schnall A**, Vagi S, Noe R. Just-in-Time Training for the Community Assessment for Public Health Emergency Response (CASPER). Burleigh County; Burleigh ND; April 2012

Schnall A, Buttke D. Community Assessment for Public Health Emergency Response. Full-day Training: Arizona Department of Health Services Disaster Epidemiology Training Workshop; Tempe AZ; April 2012

Law R, Chang A, **Schnall A**. Public Health Disaster Surveillance: Epidemiologic Tools for Use after a Disaster or Radiation Emergency. Full-day Training: Arizona Department of Health Services Disaster Epidemiology Training Workshop; Tempe AZ; April 2012

Schnall A, Vagi S, Law R. Community Assessment for Public Health Emergency Response. Full-day Training: Michigan Department of Community Health Disaster Epidemiology Training Workshop; Lansing MI; Feb 2012

Stanbury M, **Schnall A**, Law R. Public Health Disaster Surveillance: Epidemiologic Tools for Use after a Disaster or Radiation Emergency. Full-day Training: Michigan Department of Community Health Disaster Epidemiology Training Workshop; Lansing MI; Feb 2012

Vagi S, **Schnall A**. Future of CASPER. Presentation: CASPER Subject Matter Expert Panel; Nov 2011

Schnall A. CASPER background, Phase I, and Phase II. Presentation: CASPER Subject Matter Expert Panel; Nov 2011

Bayleyegn T, **Schnall A**. Building Capacity for the Community Assessment for Public Health Emergency Response. Full-day Training: Utah Department of Health Disaster Epidemiology Training Workshop; Salt Lake City UT; June 2011

Schnall A, Podgornik M. Public Health Disaster Surveillance: Epidemiologic tools for Morbidity and Mortality Surveillance after a Disaster. Half-day Training: Utah Department of Health Disaster Epidemiology Training Workshop; Salt Lake City UT; June 2011

Schnall A. The Role of Epidemiology and Surveillance in CDC's Response to the Deepwater Horizon Gulf Coast Oil Spill. Presentation: 2011 Integrated Medical, Public Health, Preparedness and Response Training Summit; Grapevine TX; May 2011

Schnall A, Vagi S, Wolkin A. Overview of Disaster Epidemiology and CASPER. Full-Day Training: Georgia Department of Public Health CASPER Training Workshop; Macon GA; March 2011

Heumann M, **Schnall A**. CSTE Disaster Epidemiology Subcommittee: Engaging Partners & Using Data for a Successful Public Health Response at the Local, State, Regional & National Level. Public Health Preparedness Summit; February 2011

Vagi S, **Schnall A**, Bayleyegn T. Building Capacity for the Community Assessment for Public Health Emergency Response. Full-day Training: Alabama Department of Public Health Disaster Epidemiology Training Workshop; Montgomery AL; Feb 2011

Vagi S, **Schnall A**. Public Health Disaster Surveillance: Epidemiologic Tools for Use after a Disaster or Radiation Emergency. Half-day Training: Alabama Department of Public Health Disaster Epidemiology Training Workshop; Montgomery AL; Feb 2011

Schnall A, Vagi S. Overview of Disaster Epidemiology and CASPER. Presentation: Georgia Department of Public Health Disaster Epidemiology Program Training; Macon GA; Jan 2011

Bayleyegn T, **Schnall A**, Podgornik M. Building Capacity for the Community Assessment for Public Health Emergency Response. Training: Tennessee Department of Public Health; Nashville TN; Oct 2010

Schnall A. Disaster surveillance: American Samoa tsunami response, Use of the Center for Disease Control and Prevention's surveillance and assessment tools for natural disaster. Presentation: ISDS Public Health Practice Meeting Disaster Surveillance Series; Sept 2010

Schnall A, Bayleyegn T, Noe R, Capelli C. Building Capacity for the Community Assessment for Public Health Emergency Response in American Samoa. Training: American Samoa Department of Health; Pago Pago, American Samoa; June 2010

Centers for Disease Control and Prevention (CDC) Health Studies Branch (HSB). Final Report of Emergency Response Post-Earthquake and Tsunami — American Samoa, 2009. [Unpublished Report]

Heumann M, **Schnall A**. CSTE Disaster Epidemiology Subcommittee: A unified and collaborative approach towards improving emergency preparedness and disaster response. Presentation Roundtable: Council of State and Territorial Epidemiologists (CSTE) Annual Conference; Portland OR; June 2010

Schnall A, Choudhary E. Improving Coordination of Natural Disaster Surveillance Among Federal, State, and Local Public Health Agencies. Presentation: 2010 Integrated Medical, Public Health, Preparedness and Response Training Summit; Las Vegas NV; June 2010

Bayleyegn T, **Schnall A**, Martin C, Choudhary E. Building Capacity for the Community Assessment for Public Health Emergency Response. Full-day Training: South Carolina Department of Health Disaster Epidemiology Training Workshop; Myrtle Beach SC; May 2010

Schnall A, Bayleyegn T. Public Health Disaster Surveillance: Epidemiologic tools for Morbidity and Mortality Surveillance after a Disaster. Half-day Training: South Carolina Department of Health Disaster Epidemiology Training Workshop; Myrtle Beach SC; May 2010

Wolkin A, **Schnall A**. Disaster Epidemiology in the Literature. CSTE/CDC Disaster Epidemiology Subcommittee Workshop. Atlanta GA; May 2010.

Noe R, **Schnall A**. Overview of the Community Assessment for Public Health Emergency Response (CASPER). Presentation: Career Epidemiology Field Officer (CEFO) Monthly Call; Feb 2010

Bayleyegn T, **Schnall A**. Building Capacity for the Community Assessment for Public Health Emergency Response. Full-day Training: Kentucky Department of Public Health Disaster Epidemiology Training Workshop; Frankfort KY; July 2009

Noe R, **Schnall A**. Public Health Disaster Surveillance: Epidemiologic tools for Morbidity and Mortality Surveillance after a Disaster. Half-day Training: Kentucky Department of Public Health Disaster Epidemiology Training Workshop; Frankfort KY; July 2009

Schnall A. Health Surveillance During Natural Disasters. Presentation: Council of State and Territorial Epidemiologists (CSTE) Annual Conference; Buffalo NY; June 2009

Wolkin A, Noe R, **Schnall A**, Noonan G. Improving Coordination of Active Health Surveillance Following a Natural Disaster. Public Health Preparedness Summit. San Diego CA; Feb 2009