

## **Kahler Stone, MPH**

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### **Education**

Doctor of Public Health, Epidemiology and Environmental Health Sciences / Expected May 2018  
Texas A&M University School of Public Health, College Station, TX

Master of Public Health, Epidemiology / August 2010  
Texas A&M University School of Public Health, College Station, TX

Bachelor of Science, Biomedical Science / August 2008  
Texas A&M University, College Station, TX

### **Professional Experience**

**Senior Epidemiologist** / February 2015 – September 2016  
Waco-McLennan County Public Health District, Waco, TX

- Oversee chronic and infectious disease epidemiology programs.
- Review investigations and reported outbreaks for relevance and cause.
- Develop reports and presentations using McLennan County and State of Texas data concerning local health issues such as chronic and infectious disease rates.

**Epidemiologist** / March 2013 – February 2015  
Waco-McLennan County Public Health District, Waco, TX

- Conduct disease investigations as well as participate in public health preparedness strategies within McLennan County.
- Serve chronic and infectious disease programs by tracking, evaluating and reporting data.
- Develop reports and presentations using McLennan County data and the State of Texas data concerning obesity, myocardial infarction, stroke, diabetes, healthy food access and access to physical activity.

**Nonprofit Program Coordinator** / January 2012 – January 2013  
Carolina Creek Christian Camp, Huntsville, TX

- Coordinates church, school, nonprofit, etc. groups year round for three camp facilities each with an average capacity of 300 people.
- Oversees retreat staff and summer staff (25), insuring guidelines and policy is maintained according to the camp director's authority.
- Staff management including scheduling, training, and supervision.

**Laboratory Manager** / July 2010 – July 2011

Zambia Emory HIV Research Project (ZEHRP), Lusaka, Zambia

- Oversee all activities associated with ZEHRP-IAVI laboratory and ensure good clinical laboratory practice (GCLP). Ensure all standard operating procedures at ZEHRP are followed. Institute protocol for HIV vaccine and microbicide trials.
- Conduct research/write material for abstracts presented by the project for international HIV conferences utilizing Microsoft Access and STATA.
- Recruit, facilitate training, and manage the laboratory staff. Write and revise laboratory analytical plans for clinical trials and communicate directly with sponsors, Emory University and ZEHRP management.

**Academic Experience****Graduate Research Assistant** / August 2016 – Present

Texas A&M University, College Station, TX

- Provide coordination for the Health and Environment program of the University's Environmental Grand Challenge
- Develop and implement epidemiologic studies on transdisciplinary topics including environmental justice, climate change, and the impact of infrastructure on health

**Adjunct Assistant Professor** / August 2014 - Present

Sam Houston State University, Huntsville, TX

- Teach HLTH 3380: Drug Use and Abuse (Online)  
Course Description: This course focuses on drug use, abuse, and addiction with an emphasis on recreational drugs. Approaches to prevention, intervention, and treatment are also be studied.
- Teach HLTH 2372: Medical Terminology (Online)  
Course Description: The medical terminology course is designed to assist students with the cognitive language skills they will need to prepare themselves as health care professionals. Medical terminology is a prerequisite course for numerous advanced medical and allied health degrees.

Baylor University, Waco, TX

- Taught HED 4355: Human Diseases  
Course Description: Basic principles of pathophysiology and mechanism of diseases affecting the human body, including the basic principles of epidemiology with emphasis on the causation and effects of disease on human populations.

**Graduate Health Course Grader** / July 2011 – July 2015

Sam Houston State University, Huntsville, TX

- Evaluate assignments online for courses taught by Bill Hyman, PhD.
- Courses that are evaluated: Aging and Health Promotion, Drug Use and Abuse, Human Ecology, Fitness for Living, and a Colloquium in Health Education
- Upload and give feedback online to students on their progress for assessment.

**Graduate Assistant** / May 2009 – July 2010

Texas A&M University School of Public Health, College Station, TX

- Worked to develop administrate and ensure, as part of a team, the Division of Online Learning and Distance Education functions according to the school's standards.
- Assisted in receiving online coursework in Public Health and guaranteed that it is distributed effectively towards students.
- Created and produced Public Service Announcements regarding Public Health educational opportunities.

**Research Assistant** / June 2007 – July 2010  
Texas A&M University, College Station, TX

- Cultured cells, conducted PCR, and analyzed data using Excel and Stata 10.
- Analyzed the impact of given anti-cancer agents in several cell lines with many different genes investigating possible mechanisms.
- Graded and processed Advanced Human Genetics exams, assisted in preparing lecture materials.

**Student Worker** / September 2008 – February 2010  
Texas A&M School of Rural Public Health, College Station, TX

- Processed neonatal dried blood spot (DBS) Guthrie card orders for the DBS laboratory/archive.
- Carried out aseptic techniques for extracting samples
- Maintained laboratory facility ensuring it was stocked and orderly

## **Publications**

**Stone, K. W.**; Sierocki, A.; Shah, V.; Ylitalo, K. R.; Horney, J.A. 2016. Conducting community health needs assessments in the local public health department: A comparison of Random Digit Dialing and the Community Assessment for Public Health Emergency Response. *Journal of Public Health Management and Practice. (Under Review)*

Zane, D; Haywood, T; Adams, B; Alva, H; Heines, V; Feldt, B; Rosen, J; Henry, J; Thompson, K; Stonum, S; Kiger, J; Johnson, K; Wiltz-Beckham, D; Gomez, M; Short, K; **Stone, K**; Horney, J. A. 2016. Lessons Learned from the Field: Community Assessment for Public Health Emergency Response (CASPER). *Texas Public Health Journal* 68(1): 6-13.

Metzger, K; Akram, H; Felt, B; **Stone, K**; Alvey, S; Henley, S; Hernandez, A; Melville, S; Haywood, T; Zane, D. 2016. Epidemiologic Investigation of Injuries Associated with the 2013 Fertilizer Plant Explosion in West, Texas. *Disaster Medicine and Public Health Preparedness*. 10(4):583-90

Ylitalo, K. R.; **Stone, K.**; Umstattd Meyer, M. R.; Doyle, E. I.; Curtis, R. 2016. Using the Community Assessment for Public Health Emergency Response (CASPER) to assess barriers to healthy eating and active living in a low-income community. *Evaluation and Program Planning* 59: 41-46.

**Stone, K**; Pry, J; Akram, H. 2014. An Overview of Tobacco-Free Policy among Worksites in a Central Texas County. *Texas Public Health Journal* 66(4): 18-22.

Hurst, J; Hyman, B; **Stone, K**. 2014. Elder Malnutrition in Long-term Care Facilities and its Future Implications. *The Director. (In press)*

## **Presentations**

Bernhart, J.; Ylitalo, K. R.; Doyle, E. I.; Umstattd Meyer, M. R.; **Stone, K.** Family Structure and Adult Physical Activity Level in a Low-Income Community. Annual American Academy of Health Behavior Meeting in Ponte Vedra Beach, Florida, February 21-24, 2016

Doyle, E. I., Ylitalo, K. R., **Stone, K.**, Umstattd Meyer, M. R., Curtis, R., and Bridges, C. Building trust through collaborative partnerships: Promoting physical activity and healthy eating in an underserved central Texas community. Society for Public Health Education (SOPHE) Annual Meeting, Charlotte, NC, March 30 - April 1, 2016.

**Stone, K.**, Wollard, C. Oral Presentation: A Deeper Look into the Greater Waco Food Deserts. Texas Hunger Initiative's Hunger and Justice Gathering, Waco, TX, March 19, 2015.

Lee, M., **Stone, K.**, Akram, H. Poster Presentation: 2014 McLennan County Worksite Tobacco Follow-up Survey: Epidemiologic Results and Lessons Learned. February 23-25, 2015. Texas Public Health Association: Annual Education Conference, Austin, TX.

**Stone, K.**, Akram, H., Wollard, C., Pry, J. Poster Presentation: Healthy Food Availability in Food Desert Areas: McLennan County, 2014. February 23-25, 2015. Texas Public Health Association: Annual Education Conference, Austin, TX.

Akram, H., **Stone, K.** Oral Presentation: Epidemiologic Response to a Massive Explosion: Results and Lessons Learned. National Healthcare Coalition Preparedness Conference, Denver, CO, December 10-12, 2014.

**Stone, K.**, Wollard, C., Akram, H. Poster Presentation: McLennan County Worksite Tobacco Survey: Epidemiologic Results and Lessons Learned. March 24-26, 2014. Texas Public Health Association: Annual Education Conference, Corpus Christi, TX. **Award Winning**

Akram, H., Arcos, J., **Stone, K.** Poster Presentation: Preparedness Assessment of Selected McLennan County Residents, 2013. March 24-26, 2014. Texas Public Health Association: Annual Education Conference, Corpus Christi, TX.

Akram, H., **Stone, K.** Poster Presentation: 2013 McLennan County Community Health Needs Assessment (CHNA). March 24-26, 2014. Texas Public Health Association: Annual Education Conference, Corpus Christi, TX.

**Stone, K.** Methods for Data Entry. 2014. Guest Lecture for David Pooler, PhD; Baylor University, School of Social Work.

**Stone, K.** Data Collection Methods for Healthy Food Availability in Food Deserts. 2014. Guest Lecture for David Pooler, PhD; Baylor University, School of Social Work.

**Stone, K.** Sun Exposure Among Collegiate Athletes. 2010. PHEB 684 Practicum Presentation

Venkatraj, R., Pry, J, **Stone, K.** Molecular Interplay Between Alternatively Translated Genes and Calcium Signaling During Chemotherapy. 2007. American Advancement in Cancer Research Conference, San Diego, CA.

## **Research**

Texas Department of State Health Services 2016-003870-00, Infectious Disease Control Unit, Surveillance and Ebola Project, September 1, 2015 – August 31, 2017 (Total award: \$175,000) – Coordinator

Texas Department of State Health Services 2016-003750-00, Infectious Disease Control Unit, Respiratory Virus Surveillance Project, September 1, 2015 – August 31, 2016 (Total award: \$5,000) – Principal Investigator

Texas Department of State Health Services 2016-003835-00, Texas Healthy Communities Grant, September 1, 2015 – August 31, 2016 (Total award: \$50,000) – Co-coordinator and Evaluator

Texas Department of State Health Services and Waco-McLennan County Public Health District, West Fertilizer Plant Explosion Injury Epidemiology Investigation, June, 2013 – November, 2015 – Principal Investigator

Texas Department of State Health Services 2015-003750-00, Infectious Disease Control Unit, Respiratory Virus Surveillance Project, September 1, 2014 – August 31, 2015 (Total award: \$10,000) – Principal Investigator

Texas Department of State Health Services 2015-047254-00, Texas Healthy Communities Grant, September 1, 2014 – August 31, 2015 (Total award: \$50,000) – Co-coordinator and Evaluator

## **Service**

Member, Prosper Waco Health Steering Committee, 2015-2016  
Member, Live Well Waco Coalition, 2015-2016 (Chair: 2013-2015)  
Member, Heart of Texas Safe Roads Coalition, 2013-2014

## **Honors**

Delta Omega Public Health Honor Society, Texas A&M University, School of Public Health (2014)  
National Leadership Academy for the Public's Health (NLAPH), Public Health Institute Fellow (2014)

## **Skills and Certifications**

Proficient in STATA, SAS, EpiInfo, WINPEPE, ArcGIS, and Microsoft Office Suite  
The Grantsmanship Center, Essential Grant Skills (2015)  
The Sphere Project (2015)  
Incident Command Systems Trainings (ICS 100, 200, 300, 700, 800)  
Vaccinology, National Center for Therapeutics Manufacturing (2014)  
National Electronic Disease Surveillance System (NEDSS) (2014)  
Health Equity (2013)  
ESRI Geographic Information Systems (2013)  
Collaborative Institutional Training Initiative (CITI) (2010; Renewed 2013)  
DAIDS Training in Good Clinical Laboratory Practice (2010)