

D. Charles Hunt

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Education

Master of Public Health (Honors)
University of Kansas School of Medicine, Kansas City, Kansas

Bachelor of Science in Education (Major: Health Education)
University of Kansas, Lawrence, Kansas

Professional Experience

Deputy State Epidemiologist Director, Epidemiologic Services Office of Surveillance and Epidemiology Kansas Department of Health and Environment	November 2005 – Present
Research Instructor / Senior Epidemiologist Department of Preventive Medicine and Public Health University of Kansas Medical Center – Kansas City <i>Under Full-time Contract to:</i> Office of Health Promotion Kansas Department of Health and Environment	October 2001 – November 2005
Epidemiologist / Health Risk Studies Manager Office of Health Promotion Kansas Department of Health and Environment	October 1998 – October 2001
Health Educator Johnson County, Kansas Health Department	October 1995 – October 1998
Communicable Disease Investigator Johnson County, Kansas Health Department	July 1994 – October 1998
Research Assistant Department of Preventive Medicine University of Kansas Medical Center – Kansas City	September 1993 – May 1994

Grants, Awards, and Contracts

Epidemiology and Laboratory Capacity for Infectious Diseases

U50/CCU723780-02

CDC/NCID

07/01/2004 – 12/31/2009

The purpose of this project is to improve surveillance for, and response to, infectious diseases by strengthening epidemiologic capacity, enhancing laboratory practice, improving information systems, and developing and implementing prevention and control strategies.

Role: Principle Investigator (beginning November 2005)

Behavioral Risk Factor Surveillance System

U58/CCU722793

CDC/NCCDPHP

07/01/2003 – 06/29/2008

This is a CDC-supported, state-based telephone survey surveillance system to track health risks in the population. Major goals are to collect data on the leading behavioral risk factors for chronic diseases (heart disease and stroke, diabetes, obesity, asthma, etc.).

Role: Paid consultant through contract with University of Kansas Medical Center

Behavioral Risk Factor Surveillance System

U58/CCU710664

CDC/NCCDPHP

09/01/1994 – 06/30/2003

Role: Key staff and paid consultant through contract with University of Kansas Medical Center

Kansas Child Health Assessment and Monitoring Project.

Sunflower Foundation (Topeka, KS)

09/01/2003 – 08/31/2006

The major goals of this project are to assess the statewide prevalence of overweight and associated risk factors among children in kindergarten through grade 12 and to examine the relationships between overweight, nutrition and physical activity behaviors, and academic achievement.

Role: Principal Investigator

Sunflower Foundation

Kansas Health, Activity, and Nutrition Survey

07/01/2003 - 09/30/2006

The primary goals of this project are 1) to collect household survey data that will provide precise estimates of the prevalence of obesity in Kansas, 2) to obtain more detailed information regarding household characteristics and health factors related to obesity among high-risk subgroups in the population, particularly Hispanic and black / African American Kansans, and 3) to make the results of this survey readily available for use in the development of effectively targeted obesity-reduction interventions.

Role: Consultant through contract with Kansas Department of Health & Environment

State-Based Diabetes Prevention and Control Program

U32/CCU022718-01

03/30/2003 – 03/29/2004

CDC/NCCDPHP

The major goals of this project are to reduce the burden of diabetes through developing model programs to improve quality of diabetes care. Major component of project involves conducting surveillance through BRFSS and special studies.

Role: Paid consultant through contract with University of Kansas Medical Center

State Heart Disease and Stroke Prevention Program

U50/CCU721289-01

06/30/2003 – 06/29/2004

CDC/NCCDPHP

The major goals of this project are to develop and implement methods to define the burden of cardiovascular disease, facilitate the development of a state comprehensive plan for heart disease and stroke prevention, and design and implement population-based strategies to increase awareness of signs and symptoms of heart attack and stroke.

Role: Paid consultant through contract with University of Kansas Medical Center

Selected Publications

Peer-reviewed Journals

Fox LM, Banez Ocfemia MC, **Hunt DC**, Blackburn BG, Neises D, Kent WK, Beach MJ, Pezzino G. Emergency survey methods in acute cryptosporidiosis outbreak. *Emerging Infectious Diseases*, 2005, 11(5), 729-731.

Greiner KA, Li C, Kawachi I, **Hunt DC**, Ahluwalia JS. The relationships of social participation and community ratings to health and health behaviors in areas with high and low population density. *Social Science and Medicine*, 2004, 59, 2303-2312.

Hunt DC, Yonke CT. Use of a behavioral risk survey to identify leading health problems among employees and their dependents. *Journal of Public Health Management and Practice*, 2002, 8(4), 26-32.

Technical Reports and Other Publications

Hodle A, Neises D, Ofemia CB, **Hunt DC**. *Clostridium perfringens* food poisoning outbreak in northeast Kansas — December 2006. Kansas Department of Health and Environment, Office of Surveillance and Epidemiology. September 2007.

Hill J, Ocfemia CB, Huang A, **Hunt DC**, Neises D. Preliminary report for a gastrointestinal outbreak in southern Kansas – June 2006. Kansas Department of Health and Environment, Office of Surveillance and Epidemiology. June 2006.

Huang A, Ocfemia CB, **Hunt DC**. Staphylococcal food poisoning outbreak in southeast Kansas

– December 2005. Kansas Department of Health and Environment, Office of Surveillance and Epidemiology. May 2006.

Potter C, **Hunt DC**. Health risk behaviors of Kansans 2003. Kansas Department of Health and Environment, Office of Health Promotion. November 2005.

Potter C, **Hunt DC**. Prevalence of current asthma among adult Kansans: Results from the 2003 BRFSS. *Kansas Health Statistics Report*, February 2005, 24(3-4).

Hunt DC. Overweight among adolescents in Kansas: A first look. *Kansas Health Statistics Report*, May 2004, 21(1-2).

Selected Presentations

Hunt DC. Update on infectious diseases in Kansas. Twenty-third Annual Central Plains Expo, Wichita, KS, 2006.

Huang AS, Flahart R, Sexton J, **Hunt DC**, Hansen G. Antimicrobial resistance pattern of *Shigella sonnei* — Kansas, 1997-2004. Centers for Disease Control and Prevention Epidemic Intelligence Service Conference, Atlanta, GA, 2006 (accepted February 2006).

Potter C, **Hunt DC**, Perveen G. Misclassification of race and ethnicity in the BRFSS survey. Centers for Disease Control and Prevention Behavioral Risk Factor Surveillance System Conference, Cathedral City, CA, 2006 (accepted January 2006).

Potter C, **Hunt DC**. Identification of cardiovascular disease risk factors in a rural community utilizing a random digit dial telephone survey. Kansas Public Health Association Annual Meeting, Topeka, KS, 2004.

Ghouri F, Perveen G, **Hunt DC**. Modifiable cardiovascular risk factors and utilization of preventive health services among adults with and without diabetes in Kansas. Kansas Public Health Association Annual Meeting, Topeka, KS, 2004.

Assessing diabetes care in Sedgwick County, Kansas: A pilot project of the Kansas Diabetes Prevention and Control Program. Interdisciplinary Research Seminar. University of Kansas Medical Center. November 20, 2003. (Invited Speaker)

What states like and do not like about the BRFSS. BRFSS Strategy Meeting. Centers for Disease Control and Prevention. May 22, 2003. (Invited Speaker)

The Behavioral Risk Factor Surveillance System in Kansas. Interdisciplinary Research Seminar. University of Kansas Medical Center. August 16, 2001. (Invited Speaker)

Miller C, Ehrenkrantz D, **Hunt DC**. Asthma among Kansas adults with a disability, 1997. A Public Health Response to Asthma, Atlanta, GA, 2000.

Abstracts

Neises DJ, Huang AS, Roberts L, **Hunt DC**. Gastrointestinal illness associated with baked good contaminated by chemical vapors — Kansas, 2006. OutbreakNet National Meeting, Atlantic City, NJ, 2007.

Potter C, **Hunt DC**. Utilization of an additional question to assess employment status in the annual BRFSS survey. Behavioral Risk Factor Surveillance System Annual Conference, Atlanta, GA, 2005.

Fox LM, Blackburn BG, Kent WK, Marthaler C, **Hunt DC**, Banez Ocfemia MC, Ziesenis R, Flahart R, Hightower A, Hill V, DaSilva A, Arrowood M, Xiao L, Pezzino G, Beach MJ. A Community-Wide Outbreak of Cryptosporidium Associated with Recreational Water and Daycare Use - Kansas, 2003. In: 42nd Annual Meeting of the Infectious Diseases Society of America. Boston, MA 2004; 542, 145.

Banez Ocfemia MC, **Hunt DC**, Fox LM, Blackburn BG, Arnold M, Kent K, Neises D, Beach M, Pezzino G. Random digit dial telephone survey methods in a community-wide cryptosporidiosis outbreak investigation. Council of State and Territorial Epidemiologists Annual Conference, Boise, ID, 2004.

Kim J, Hansen G, Pezzino G, Mayer M, **Hunt DC**. Tetanus vaccine status among adults in Kansas, 1997. National Immunization Conference, Atlanta, GA, 2001.

Kim J, Hansen G, Miller C, Mayer M, Pezzino G, **Hunt DC**. Influenza and pneumococcal vaccination status among adults aged 65 and older or with diabetes in Kansas. National Immunization Conference, Atlanta, GA, 2001.

Hunt DC, Dowd MD. Recurrent violent injury in Missouri: A retrospective cohort study examining assault as a risk factor for assault. American Public Health Association Annual Meeting, Boston, MA, 2000.

Academic Activities

Invited Lectures

Public health assessment. Guest lecturer for PRVM 827: Public Health Administration. September 18, 2006 and September 24, 2007.

Major epidemiological studies in the US, with a focus on BRFSS. Guest lecturer for PRVM 800: Principles of Epidemiology. November 17, 2004.

The Behavioral Risk Factor Surveillance System: Monitoring the Health of Kansas Adults. Guest lecturer for Community Health Project. June 15, 2004 and June 14, 2005.

Mentorship

MPH Internship Site Mentor for Sheri A. Anderson, MS. Varicella zoster surveillance in Kansas: Epidemiological trends and factors affecting disease burden. Kansas State University. Fall 2006.

MPH Committee member for Leah Lambart, BA. Asthma in Kansas. University of Kansas. Spring 2006.

MPH Committee member for Mike Kopf, BS. Effect of health professional counseling on tobacco cessation behavior in Kansas. University of Kansas. Spring 2005.

MPH Committee member for Dean Samuelson, MD. Factors associated with mammogram screening in Kansas women: An analysis of Kansas Women's Health Survey data. University of Kansas. Spring 2004.

Professional Development

2005	Regression Modeling in Epidemiological Research Centers for Disease Control and Prevention
2000	Legal Aspects of Public Health Practice University of Michigan Graduate Summer Session in Epidemiology
2000	Successful Scientific Writing University of Michigan Graduate Summer Session in Epidemiology
2000	SUDAAN for BRFSS Centers for Disease Control & Prevention
1999	Programming The SAS Institute
1999	SUDAAN Basics: Software for the Analysis of Correlated Data Research Triangle Institute
1999	Instructor Certification in Epidemiology and Biostatistics Health Agency Training Program University of Oklahoma Health Sciences Center
1994	Leadership Institute Kansas Health Foundation

Professional Service and Memberships

Member, Council of State and Territorial Epidemiologists, 1999 - present

Member, Association of State and Territorial Chronic Disease Program Directors, 2001 - present
Chair, Behavioral Risk Factor Surveillance System Working Group, 2001 - 2003
Lead Consultant, BRFSS, Council of State and Territorial Epidemiologists, 2003 - present
Chair, Science and Epidemiology Committee, Association of State and Territorial Chronic
Disease Program Directors, 2003