

The CDC/CSTE Fellow will have the opportunity to examine emerging diseases, perform surveillance activities, and assist with health education within various programs of the Iowa Department of Public Health (IDPH). The fellow's primary responsibility would be to improve both the quantity and quality of surveillance data reported to IDPH. Also possible are investigating the human health effects of concentrated animal farming industries, obesity, smoking, and pesticide and heavy metal exposures. The fellow would make professional presentations throughout the state; and develop training and educational materials for public health agencies, health care providers, and the public on a variety of health topics. IDPH anticipates that the fellow would assist in any acute outbreak investigations. IDPH would also train the fellow in bioterrorism preparedness and response.

IDPH envisions that the fellow would also serve in the Pesticide Surveillance Program. Iowa is a largely agricultural state and over 40,000 people are licensed to use apply restricted-use pesticides; therefore it is imperative that Iowa have a reliable and accurate reporting system for all pesticide exposures and poisonings.

The fellow will also have the opportunity to work on the Comprehensive Assessment of Rural Health in Iowa (CARHI) Project. This project is being implemented collaboratively with the CDC and the University of Iowa. CARHI is a pilot surveillance program that gathers health outcome and environmental data from a selected rural community. The health outcome and environmental data are spatially analyzed in a geographic information system to determine if associations exist. The CARHI project will be instrumental in Iowa developing a statewide health tracking system.

Opportunities for working on interdisciplinary teams are abundant at IDPH. The fellow would collaborate with: the Iowa Department of Agriculture and Land Stewardship, the Iowa Department of Natural Resources, the Iowa Statewide Poison Control Center, the Iowa Center for Agricultural Safety and Health, local health departments, hospitals and clinics throughout Iowa, university extension services, and other divisions within IDPH.

Assignment Location:	Des Moines, IA
Primary Mentor:	Tom Newton, MPP Division Director, Health Protection and Environmental Health (November 2002-present)
Advanced Degree:	MPP, University of Northern Iowa (2000)
Secondary Mentor (1):	Charles Barton, PhD, DABT State Toxicologist (June 2000-present)
Advanced Degrees:	PhD, University of Louisiana (1998) MS, University of Louisiana (1993)
Secondary Mentor (2):	Aileen Buckler, MD, MPH Assistant State Epidemiologist (2002-present)
Advanced Degrees:	MD, Virginia Commonwealth University, Richmond (1999) MPH, Virginia Commonwealth University, Richmond (2003)
Secondary Mentor (3):	M. Patricia Quinlisk, MD, MPH Medical Director/State Epidemiologist (1994-present)

Iowa Newton.doc

Advanced Degrees:

MD, University of Wisconsin (1988)

MPH, Johns Hopkins University (1984)