

MATTHEW ROE, MS, CIH, RS, CHMM

4610 9th Street - Lubbock, TX 79416

Home: 806.577.8772 – Email: matthew.t.roe@gmail.com

Education: TEXAS A&M UNIVERSITY, College Station, TX
M.S., Food Science & Technology, *August 2002*
Thesis: “*Prevalence of Class 1 and Class 2 Integrons in Poultry Processing and a Natural Water Ecosystem*”

TEXAS TECH UNIVERSITY, Lubbock, TX
B.S., Microbiology, *May 1999*

Employment:

March 2010 – Present

Environmental Protection Manager/Occupational Safety Manager

Texas Tech University Department of Environmental Health and Safety, Lubbock, TX
Responsibilities include all previous responsibilities with addition of managing two personnel overseeing the implementation of an occupational safety program. This program includes an annual inspection of non-research laboratory space for occupational safety issues and the review and development of occupational safety and health operating policies for the university. During the previous three years we have implemented an OSHA compliant confined space entry program as well as a crane/hoist operation policy. Other duties include serving as the Alternate Responsible Official for a newly commissioned BSL-3 Select Agent laboratory.

September 2008 – March 2010

Environmental Protection Manager

Texas Tech University Department of Environmental Health and Safety, Lubbock, TX
Responsibilities included managing three personnel to oversee regulatory compliance with environmental permits for the university. In addition, oversaw the implementation of a public health program for the university. This included an inspection program of public swimming pools, food establishments and overseeing a pest management program. Other duties included coordinating the Institutional Biological Safety Committee for the university.

March 2004-August 2008

Laboratory Safety Specialist

Texas Tech University Department of Environmental Health and Safety, Lubbock, TX
Responsibilities included working with research professors to maintain safe work practices in the research laboratories. This included review of protocols for prudent practices with hazardous chemicals and biological specimens. Further responsibilities included working with committees to ensure safe operating procedures were developed as guidelines for research personnel at the university. Additional responsibilities included the development and implementation of a Department of Transportation compliant hazardous material shipping program for the university.

January 2003- February 2004

Quality Assurance Manager

Freedman Food Service, Inc. Houston, TX.

Responsibilities included supervising four technicians in the daily implementation of food safety protocols. Further responsibilities included interacting with both plant management and government oversight personnel in reconciling food safety concerns to maintain daily production.

Publications:

Roe, M., S. D. Pillai. 2002. Monitoring and Identifying Antibiotic Resistance Mechanisms in Bacteria. Poultry Science.

Roe, M., E. Vega, S. D. Pillai. 2002. Antimicrobial Resistance Associated with Class 1 and Class 2 Integron Sequences in Escherichia coli from Irrigation Water and Associated Sediments. Emerging Infectious Diseases.

Roe, M., J. A. Byrd, D. P. Smith, and S. D. Pillai, 2002. Occurrence of Class 1 and Class 2 Integron Sequences in Poultry Processing and Chiller Tank Environment. Journal of Food Protection.

Presentations:

Roe, M., S. Pillai, A. Byrd, and D. Smith. 2000. Integrons within Poultry Farms and Processing. Agricultural Program Conference. Texas A&M University. College Station, TX.

Roe, M., A. Byrd, D. Smith, and S. Pillai. 2001. Integron Gene Sequences within Poultry Farms and Processing Plants. American Society for Microbiology. 101st General Meeting. Orlando, FL.

Roe, M., A. Byrd, D. Smith, S. D. Pillai. 2001. Integron Gene Sequences within Poultry Farms and Processing Plants. International Animal Agriculture and Food Science Conference. Indianapolis, IN.

Roe, M., C. M. Haas, S. D. Pillai. 2002. Integron Gene Sequences on Retail Chicken Products. International Conference on Emerging Infectious Diseases. Atlanta, GA.

Professional Memberships

American Industrial Hygiene Association
Institute of Hazardous Materials Managers

Honors and Certifications

Certified Industrial Hygienist 2013
Certified Hazardous Materials Manager 2009
Registered Sanitarian 2006
Recipient Pilgrim's Pride Endowed Graduate Fellowship 2000-2002