

Pamela S. Chapman, M.P.H. Supervising Epidemiologist

Professional Profile

Ms. Pamela Chapman is a Supervising Epidemiologist with ChemRisk. She has over eight years of experience specializing in occupational and environmental epidemiology. She specializes in study design, database development, and statistical analysis for various occupational health studies including cohort mortality and case-control studies. Her work experience includes studies of workers exposed to pesticides, cyanoacrylates, silica, EMF, beryllium, chromium, benzene, and other chemicals. These studies involve proposal preparation, study design, data collection and analysis, report writing, budgeting, and project management. In addition, she utilizes her statistical skills in calculating standardized mortality ratios using Occupational Cohort Mortality and Population Data System (OCMAP), analyzing data from the National Death Index (NDI), and incorporating vital statistics information available from the Social Security Administration. Ms. Chapman's additional work activities include litigation support and literature reviews for a variety of exposures and concerns including asbestos, trihalomethane, phenylpropanolamine, 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), beryllium, and cancer clusters.

Prior to joining ChemRisk, Ms. Chapman was an Epidemiologist at Exponent.

Credentials and Professional Honors

M.P.H., Environmental Epidemiology, University of Minnesota, 1999
B.S., Biology, University of California, Los Angeles, 1995

Professional Affiliations

- International Society for Environmental Epidemiology
- Society for Epidemiologic Research
- American Public Health Association

Publications

Patricia A. Buffler PA, Kelsh M, Kalmes R, Lau E, Chapman P, Wood S, Brorby G, Silva M, Hooper C, Rizzo B, Wood R. A Nested Case-Control Study of Brain Tumors among Employees at a Petroleum Exploration and Extraction Research Facility. (Submitted).

Cher DJ, Deubner DC, Kelsh MA, Chapman PS, Ray RM. Assessment of the Beryllium Lymphocyte Proliferation Test Using Statistical Process Control. (Submitted).

Mezei G, Cher D, Kelsh M, Edinboro C, Chapman P, Kavet R. Occupational Magnetic Field Exposure and Cardiovascular Disease: Assessing the Potential Confounding by Smoking. *Ann Epidemiol.* 2005 (Accepted).

Baker B, Alexander BH, Mandel JS, Acquavella JF, Honeycutt R, Chapman P. Farm Family Exposure Study: Methods and Recruitment Practices for a Biomonitoring Study of Pesticide Exposure. *J Expo Anal Environ Epidemiol.* 2005 (Accepted).

Acquavella JF, Alexander BH, Mandel JS, Gustin C, Baker B, Chapman P, Bleeke M. Glyphosate Biomonitoring for Farmers and Their Families: Results from the Farm Family Exposure Study. *Environ Health Perspect.* 2004; 112(3):321-6.

Buffler P, Kelsh M, Chapman P, Wood S, Lau E, Golembesky A, Wood R, Kalmes R, Brorby G. Primary Brain Tumor Mortality at a Petroleum Exploration and Extraction Research Facility. *J Occup Environ Med.* 2004; 46:257-270.

Mandel J, Chapman P, Amsel J. Cohort mortality study of employees at the Celanese plant in Pampa, Texas. *Am J Ind Med.* 2003; 43:656-661.

Goodman M, Paustenbach DJ, Sipe K, Malloy CD, Chapman PS, Burke ML, Figueroa R, Zhao K, Exuzides KA. Epidemiologic study of pulmonary obstruction in workers occupationally exposed to ethyl- and methyl-cyanoacrylate. *J Toxicol Environ Health* 2000; 59: 135–164.

Technical Reports

Kelsh M, Chapman P, Exuzides A, Bracken TD, Rankin R, Sahl J. Female breast cancer feasibility study: a comparison of magnetic field exposures in a garment manufacturing facility and electric utility work environments. Prepared for EPRI, Palo Alto, CA, 2000. TR114845.

Presentations

Mezei G, Cher D, Kelsh M, Chapman P, Kavet R. Cardiovascular deaths and occupational exposure to magnetic fields in the national mortality followback survey. Presented at the Bioelectromagnetics Society Annual Meetings, Wailea, Maui, June 22-26, 2003.

Chapman P, Mandel J, Alexander B, Acquavella J. Farm family exposure study. Presented at the International Society of Exposure Analysis and International Society of Environmental Epidemiology (ISEA/ISEE) Annual Meeting, Vancouver, BC, Canada, August 12, 2002.

Chapman P, Mandel J, Amsel J. Cohort mortality study of employees at the Celanese plant in Pampa, Texas. Presented at the Society for Epidemiologic Research Annual Meeting, Palm Springs, CA, June 19, 2002.

Chapman P. Dioxin: lessons from the literature. Presented at Dioxin 2000, Monterey, CA, August 13–17, 2000.

Chapman P, Kelsh M. Assessing exposure comparability for a study of occupational 60 Hz electromagnetic field exposure and female breast cancer. Presented at American Industrial Hygiene Conference and Exposition, Orlando, FL, May 20–25, 2000.

Deubner D, Goodman M, Ianuzzi J, Chapman P, Kelsh M. Beryllium blood lymphocyte proliferation test (BLPT): variability and positive predictive value. Society of Toxicology Annual Meeting, Philadelphia, PA, March 22, 2000.

Kelsh M, Deubner D, Maier L, Kent M, Smith B, Chapman P, Zhao K, Paustenbach DJ, Kolanz M. Medical monitoring survey results and beryllium exposure at a beryllium mine and extraction facility. Society of Toxicology Annual Meeting, Philadelphia, PA, March 22, 2000.

Lowney Y, Deubner D, Hays SM, Chapman P, Kerger B, Shields W, Paustenbach DJ. Biomonitoring for beryllium: experience with a U.S. workforce. Society of Toxicology Annual Meeting, Philadelphia, PA, March 22, 2000.

Chapman PS, Goodman M, Paustenbach DP. Epidemiologic study of pulmonary obstruction in workers. Presented at the International Society for Environmental Epidemiology Annual Conference, Athens, Greece, September 1999.