

S. SHAWN MOHLER
INDEPENDENT CONSULTANT

Education

M.S., Environmental Health, specializing in Industrial Hygiene, Colorado State University, Fort Collins, Colorado, 1999

B.S., Biology and French, Missouri State University (formerly Southwest Missouri State University), Springfield, Missouri, 1995

Professional Experience

Consultant

(April 1999 – Present)

Provided editorial support and assisted in document conversion for the Rocky Flats Historical Public Exposure Studies. Assisted in the document review process for the Los Alamos (LANL) Historical Document Retrieval and Assessment. For the Cerro Grande Fire public exposure and risk assessment project, compiled information on environmental transport and release of chemicals and investigated the volatilization of chemicals in the fire. Also, assisted in the production of summary report and fact sheets describing the Cerro Grande Fire study and results. Provided quality assurance and quality control review of data files for CDC Task Order 5 (List and Prioritize Radionuclide Releases from the Idaho National Engineering and Environmental Laboratory). Compiled exposure information for several dose reconstruction projects, and assisted in development of exposure scenarios.

Worked on the Risk Analysis, Communication, Evaluation, and Reduction (RACER) at LANL project developing and maintaining the project website, developing technical graphics, and assisting with development of the decision support tool. Also, assisted with stakeholder involvement aspects of the RACER at LANL work and in production of project reports.

Assisting in the management of projects undertaken by multidisciplinary teams of independent consultants.

Practicum

(Summer 1998)

Performed case study of a decontamination and decommissioning project at the Rocky Flats Environmental Technology Site (RFETS). Correlated air sampling results with surface sampling results, the tasks performed, and other relevant variables.

Practicum

(Summer 1997)

Produced a document profiling and characterizing operations involving beryllium throughout the history of the Rocky Flats Environmental Technology Site (RFETS). Presented an overview of the work at the 1997 DOE Occupational Exposure Assessment and Chronic Beryllium Disease Prevention Program Workshop.

Honors

U.S. Department of Energy Industrial Hygiene Fellowship, 1996–1999
Colorado Graduate Fellowship, 1996–1998
National Merit Scholar
Southwest Missouri State University Presidential Scholar (undergraduate academic scholarship)
Graduated Summa Cum Laude in the Honors College

Journal Articles

H.A. Grogan, J.W. Aanenson, P.D. McGavran, K.R. Meyer, **S.S. Mohler**, H. J. Mohler, J.R. Rocco, A.S. Rood, J.E. Till and L.H. Wilson. 2006 “Applied Modeling of the Cerro Grande Fire at Los Alamos: An Independent Analysis of Exposure, Health Risk, and Communication with the Public.” In *Applied Modeling and Computations in Nuclear Science*. ACS Symposium Series 945. Edited by T.M. Semkow, S. Pommé, S.M. Jerome, and D.J. Strome. American Chemical Society, Washington, DC.

Technical Reports

Mohler, S.S., J.W. Aanenson, H.A. Grogan, L. Hay Wilson, P.D. McGavran, K.R. Meyer, H.J. Mohler, J.R. Rocco, A.S. Rood, and J.E. Till. 2002. *Analysis of Exposure and Risks to the Public from Radionuclides and Chemicals Released by the Cerro Grande Fire at Los Alamos. Summary Report*. RAC Report No. 5-NMED-2002-FINAL. June 12.

Rood, A.S., J.W. Aanenson, **S.S. Mohler**, P.D. McGavran, H.J. Mohler, H.A. Grogan, and J.E. Till. 2002. *Analysis of Exposure and Risks to the Public from Radionuclides and Chemicals Released by the Cerro Grande Fire at Los Alamos. Task 1.7: Final Report on Estimated Risks from Releases to Air*. RAC Report No. 3-NMED-2002-FINAL(Rev.1). June 12.

Aanenson, J.W., J. Goldberg, H.A. Grogan, L. Hay Wilson, G.G. Killough, K.R. Meyer, H.J. Mohler, **S. Mohler**, J.R. Rocco, A.S. Rood, P. Shanahan, W.K. Sinclair, C. Slack, E.A. Stetar, P.G. Voillequé, J. Wilson, and J.E. Till. 2004. *Risk Analysis, Communication, Evaluation, and Reduction at LANL. Contemporary Risk Assessment: Demonstration of an Integrated Methodology*. RAC Report No. 11-RACER LANL-2004-DRAFT. July.

Hay Wilson, L., J.R. Rocco, **S.S. Mohler**, and H.J. Mohler. 2007. *Decision Support Tool Methodology*. RAC Report No. 18-RACER LANL-2007-FINAL. Risk Assessment Corporation, Neeses, SC. July.

Stetar, E.A., L. Hay Wilson, **S.S. Mohler**, and J.R. Rocco. 2007. *Focus Group Data Evaluation*. RAC Report No. 19-RACER LANL-2007-FINAL. Risk Assessment Corporation, Neeses, SC. July.