

Shi V. Liu, Scientist, in EPA's National Exposure Research Laboratory

Computational Exposure Division

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Area of Expertise:

Select Publications:

Xue, J., Liu, S.V., Ozkaynak, H., and Spengler, J.D. (2005). Parameter evaluation and model validation of ozone exposure assessment using Harvard Southern California Chronic Ozone Exposure Study data. *J Air Waste Manag Assoc* 55, 1508-1515.

Xue, J., Zartarian, V., Wang, S.W., Liu, S.V., and Georgopoulos, P. (2010). Probabilistic Modeling of Dietary Arsenic Exposure and Dose and Evaluation with 2003-2004 NHANES Data. *Environmental health perspectives* 118, 345-350.

Xue, J., Zartarian, V.G., Liu, S.V., and Geller, A.M. (2012). Methyl mercury exposure from fish consumption in vulnerable racial/ethnic populations: probabilistic SHEDS-Dietary model analyses using 1999-2006 NHANES and 1990-2002 TDS data. *The Science of the total environment* 414, 373-379.

Liu, S.V. McCurdy, T. (2012) CHAD Explorer – an enhanced web application for CHAD. *E Int J Time Use Res* 9, 144-147.

View more research publications by [Liu Shi](#).

Education:

- PhD., Microbiology, University of Oklahoma, 1993
- B.M. (MD equivalent), Tongji Medical University, China, 1983
- IT Certificates for computer programming, database and web development, 2000

Professional Experience:

- Exposure modeling and health risk assessment, USEPA, ORD, NERL-HEASD, RTP, NC 2002-present
- Microbial pathogenesis and comparative genomics, Drexel University College of Medicine, 1997-2000
- Subsurface microbiology and evolution, Oak Ridge National Laboratory, TN 1997-2000
- Environmental Microbiology and biodegradation, University of Oklahoma, OK 1993-1997