

EDUCATION

B.A. Biology, University of California, Los Angeles, June 1981

M.S. Zoology, University of South Florida, Tampa, Florida, December 1983

EXPERIENCE

Metropolitan Water District of Southern California - July 1990 to present
1121 L Street, Suite 900, Sacramento, CA 95814

❖ **Senior Resource Specialist** - (2007 to present)

Water Resource Management Group. Primary responsibilities include project manager for the comprehensive analysis of Bay-Delta water quality planning issues and development of strategies to achieve source water quality improvement objectives for Bay-Delta water supplies. Represents MWD on numerous committees and stakeholder workgroups charged with conducting technical studies and developing policies, plans and regulations addressing water quality problems. Provides expertise on drinking water quality protection strategies and evaluation of ecosystem water quality impairments and development of strategies to reduce contaminants impacting aquatic wildlife in the Delta watershed. Lead staff for MWD's participation in the California Urban Water Agencies (CUWA) and chairs the CUWA Technical Analysis and Oversight Committee.

❖ **Environmental Specialist** - (October 1994 to 2006)

Water Resource Management Group. Primary responsibilities included the comprehensive analysis of Bay-Delta and CALFED Bay-Delta Program water quality issues, and development of strategies and policies to achieve MWD's source water quality improvement objectives for Delta water supplies. MWD lead for the analysis of legislation and development of policy positions concerning watershed management, water quality protection and water resource management issues.

❖ **Associate Environmental Specialist** - (July 1990 to October 1994)

Water Quality Division. Primary responsibilities included analysis of federal and state drinking water and water quality control legislation and regulations, and development of MWD policy positions, legislative action plans and testimony. Coordinated with water utility organizations to develop consensus positions on priority legislation.

Environmental Science & Engineering Program - June 1988 to March 1990

School of Public Health, UCLA, Los Angeles, CA 90024

❖ **Research Assistant**

Conducted applied water quality research projects and published articles and reports. Completed a research study evaluating the status of groundwater quality and the adequacy of groundwater monitoring programs in California. Completed a research project involving the evaluation of management options to minimize the potential for contamination of wildlife by toxic substances in agricultural evaporation ponds in the San Joaquin Valley, California. Developed experimental protocols for management options.

R.W. Johnson Pharmaceutical Research Institute - Dec. 1983 to Sept. 1987

3535 General Atomics Court, Suite 100, San Diego, CA 92121

❖ **Senior Research Assistant**

Planned and executed laboratory experiments as member of applied biological research team investigating a cancer gene product associated with human leukemia. Developed enzyme-linked immunoassays, maintained cell cultures, presented research at meetings and published articles.

PROFESSIONAL AFFILIATIONS

American Water Works Association

PUBLICATIONS

- Noblet, J.A., L.A. Smith and I.H. (Mel) Suffet. 1996. Influence of natural dissolved organic matter, temperature, and mixing on the abiotic hydrolysis of triazine and organophosphate pesticides. Journal of Agricultural and Food Chemistry, Vol. 44, No. 11, pp. 3685-3693.
- Mackay, D.M. and L.A. Smith. 1993. Organic Contaminants. In Regional Ground-Water Quality, Chapter 13, W. M. Alley, editor, Van Nostrand Reinhold, New York.
- Smith, L.A., A. Lashgari and D.M. Mackay. 1991. The health of California's ground water: Implications for drinking water supplies. In Proceedings of a Conference on Protecting Drinking Water Quality at the Source, J.J. DeVries, editor. University of California Water Resources Center, Davis, California, Report No. 76, ISSN 0575-4968, pp. 13-23.
- Bradford, D.F., L.A. Smith, D.S. Drezner and J.D. Shoemaker. 1991. Minimizing contamination hazards to waterbirds using agricultural drainage evaporation ponds. Environmental Management, Vol. 15, No. 6, pp. 785-795.
- Smith, L.A., K.P. Green and D.M. Mackay. 1990. Quality of ground water in California: Overview and Implications. In Proceedings of the 17th Biennial Conference on Ground Water, Coping with Water Scarcity: The Role of Ground Water, J.J. DeVries, editor. University of California Water Resources Center, Riverside, California, Report No. 72, pp. 93-107. May.
- Mackay, D.M. and L.A. Smith. 1990. Agricultural chemicals in groundwater: Monitoring and management in California. Journal of Soil and Water Conservation, Vol. 45, No. 2, pp. 253-255.
- Bradford, D.F., D. Drezner, J.D. Shoemaker and L. Smith. 1990. Experimental approaches and facilities for testing methods to minimize the contamination hazards to wildlife using agricultural drainage evaporation ponds. Final Report. University of California, Los Angeles, ESE Report No. 90-67. Prepared for the California Department of Water Resources, Contract No. STCA/DWR B57339. March.
- Bradford, D.F., D. Drezner, J.D. Shoemaker and L. Smith. 1989. Evaluation of Methods to Minimize Contamination Hazards to Wildlife Using Agricultural Evaporation Ponds in the San Joaquin Valley, California. University of California, Los Angeles, ESE Report No. 89-64. Prepared for the California Department of Water Resources, Contract No. STCA/DWR B57037. June.
- Smith, L., K. Kabat, R. Arlinghaus and W. Kloetzer. 1987. C Kinase activators alter P210^{bcr-abl} expression in cell lines derived from chronic myelogenous leukemia patients. In Recent Advances in Leukemia and Lymphoma, R.P. Gale and D.W. Golde, editors, Alan R. Liss, Inc., New York, pp. 95-101.
- Smith, L.A. and J.M. Lawrence. 1987. Glycolytic activity in the pyloric caeca of Luidia clathrata (Say) (Echinodermata: Asteroidea). Comparative Biochemistry and Physiology, Vol. 86B, No. 4, p. 693-696.
- Lawrence, J.M., T.S. Klinger, J.B. McClintock, S.A. Watts, C.P. Chen, A. Marsh and L. Smith. 1986. Allocation of nutrient resources to body components by regenerating Luidia clathrata (Say) (Echinodermata: Asteroidea). Journal of Experimental Marine Biology and Ecology, Vol. 102, pp. 47-53.
- Kloetzer, W., R. Kurzrock, L. Smith, M. Talpaz, M. Spiller, J. Gutterman and R. Arlinghaus. 1985. The human cellular abl gene product in the chronic myelogenous leukemia cell line K562 has an associated tyrosine protein kinase activity. Virology, Vol. 140, pp. 230-238.