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***Education and Training:***

<b>Institution</b>	<b>Major</b>	<b>Degree</b>	<b>Year</b>
Cornell University, Ithaca, NY	Environmental Science	B.S.	1986
University of Wisconsin, Madison	Water Chemistry	Ph.D.	1992
EAWAG, Dübendorf, Switzerland	Environmental Chemistry	Post-doc	1992-1994

***Research and Professional Experience:***

2013-present **Malozemoff Chair Professor**, Department of Civil & Environmental Engineering, UC Berkeley

2004-2013 **Professor**, Department of Civil & Environmental Engineering, UC Berkeley

2000-2004 **Associate Professor**, Department of Civil & Environmental Engineering, UC Berkeley

1994-2000 **Assistant Professor**, Department of Civil & Environmental Engineering, UC Berkeley

1986-1988 **Staff scientist**, ENVIRON Corporation, Princeton, NJ, Hazardous waste remediation

***Publications:***

1. Jasper J.T., Jones Z.L., Sharp, J.O. and **Sedlak D.L.** (2014) Nitrate removal in shallow, open-water treatment wetlands. *Environ. Sci. Technol* 48: 11512-11520.
2. Liu H.Z., Bruton T.A., Doyle F.M. and **Sedlak D.L.** (2014) In situ chemical oxidation of contaminated groundwater by persulfate: decomposition by Fe(III)- and Mn(IV)-containing oxides and aquifer materials. *Environ. Sci. Technol* 48: 10330-10336.
3. Jasper J.T., Jones Z.L., Sharp J.O. and **Sedlak D.L.** (2014) Biotransformation of trace organic contaminants in open-water unit process treatment wetlands. *Environ. Sci. Technol* 48: 5136-5144.
4. Jasper J.T. and **Sedlak D.L.** (2013) Phototransformation of wastewater-derived trace organic contaminants in open-water unit process treatment wetlands. *Environ. Sci. Technol* 47: 10781-10790.
5. Pham A.L.T., Doyle F.M. and **Sedlak D.L.** (2012) Dissolution of mesoporous silica supports in aqueous solutions: Implications for mesoporous silica-based water treatment processes. *Applied Catalysis B: Environmental* 126: 258-264.
6. Agus E. and **Sedlak D.L.** (2010) Formation and fate of chlorination by-products in reverse osmosis desalination systems. *Water Research*, 44(5): 1616-1626.
7. Pham A.L.T., Lee C., Doyle F.M. and **Sedlak D.L.** (2009) A silica-supported iron oxide catalyst capable of activating hydrogen peroxide at neutral pH. *Environ. Sci. Technol* 43(23): 8930-8935.
8. Pehlivanoglu E., and **Sedlak D.L.** (2004) Bioavailability of wastewater-derived organic nitrogen to the alga *Selenastrum Capricornutum*. *Water Research*, 38(14-15): 3189-3196.
9. Ridge A.C. and **Sedlak D.L.** (2004) Effect of ferric chloride addition on the removal of Cu and Zn complexes with EDTA during municipal wastewater treatment. *Water Research*, 38, 921-934.

10. **Sedlak D.L.**, Phinney J.T. and Bedsworth W.W. (1997) Strongly complexed Cu and Ni in wastewaters and surface runoff. *Environ. Sci. Technol.* 31(10), 3010-3016.

***Synergistic Activities:***

1. **Editor-in-Chief** (2015-present), **Associate Editor** (2009-2014), and **Editorial Advisory Board Member** (2006-2009) for *Environmental Science & Technology*. Responsible for editorial policies and journal reviews.
2. **Co-Director, Berkeley Water Center** (2010-present). Coordinate water research activities by investigators affiliated with the UC Berkeley campus.
3. **Deputy Director, NSF Engineering Research Center on Reinventing the Nation's Urban Water Infrastructure (ReNUWIt)**. Responsible for strategic planning and outreach activities.
4. **Conference Chair: Gordon Research Conference, Environmental Science: Water** (2004 and 2012); **IWA Micropol and Ecohazard** (2009). Selection of speakers and organization of conference.
5. **Faculty Mentor, UC Leadership Excellence through Advanced Degrees (UC LEADS) Program** (2004-2007). Served as research mentor for four undergraduates from groups traditionally underrepresented in STEM-related fields. Three are currently enrolled in Ph.D. programs; one has not yet graduated).