

STEPHANIE B. OHSHTA

Assistant Professor, Department of Environmental Science
University of San Francisco
2130 Fulton Street, San Francisco CA 94117 USA
Tel: (415) 422-5986 FAX: (415) 422-6387
E-mail: sbhshita@usfca.edu

EDUCATION

Stanford University Ph.D. Civil and Environmental Engineering	2002
Stanford University MS, Civil Engineering, Environmental Eng. & Science Program	1996
Tokyo Institute of Technology Research Certificate, Environmental Chemistry and Eng.	1989
Massachusetts Institute of Technology SB, Chemical Engineering	1988

PROFESSIONAL & RESEARCH EXPERIENCE

University of San Francisco San Francisco, CA Assistant Professor in the Department of Environmental Science.	2003 - present
Ditto, Inc. San Francisco, CA Environmental consultant on air quality, climate change, and energy issues in U.S. and Japan.	2003 - present
Japanese External Trade Organization (JETRO) San Francisco, CA Consultant on U.S. public opinion toward Japan and the Japanese market.	1999 - 2001
Ministry of International Trade and Industry (MITI) Tokyo, Japan Visiting Research Fellow investigating Japanese environmental and energy cooperation with China, especially MITI's Green Aid Plan.	1998 - 1999
ENSR Consulting and Engineering Alameda, CA Senior Project Specialist in the areas of: Emission Estimates and Inventory Systems, Regulatory Compliance and Permitting, Modeling of Atmospheric Dispersion and Accidental Releases, and Health Risk Assessment.	1991 - 1995
Tokyo Institute of Technology Yokohama, Japan Research Associate in the Dept. of Environmental Chemistry and Engineering.	1989 - 1990
MIT Undergraduate Research Opportunities Program Cambridge, MA Research assistant in Biochemical Engineering, Applied Biological Sciences, and Quantum Chemistry.	1985 - 1987

AWARDS AND HONORS

• Stanford's Institute for International Studies, Japan Fund: Dissertation Grants	1998 - 2001
• MacArthur Consortium on International Peace and Cooperation: Fellowship	1999 - 2000
• Urban Planning Society Foundation: Research Fellowship	1999
• National Science Foundation: Graduate Fellowship	1996 - 1999
• MIT-Japan Program: Starr Fellowship	1988 - 1989

TEACHING

-
- University of San Francisco** San Francisco, CA. 2003 - present
- ENVS 250 Quantitative Analysis of Environmental Problems
 - ENVS 647/648 Environmental Risk Assessment/ Risk Management
 - ENVS 698 Environmental Management Master's Projects
 - ENVS 498 Climate Change Mitigation (undergraduate research project)
 - ENVS 680 Natural Resource Economics (guest lectures on emissions trading)
- Tokyo Institute of Technology** Yokohama, Japan.
- Atmospheric dispersion modeling (Masters-level laboratory, in Japanese). 1989 - 1990
 - Seminar speaker on energy and environment in China. 1999
- Renmin (Peoples) University** Beijing, Peoples Republic of China. 1999
- Seminar speaker on cleaner technology diffusion in China.
- University of California** Berkeley, CA. 1999 - 2000
- CP 251 Environmental Planning And Regulation (two guest lectures)
 - ER 290 Energy and Environment in China (one guest lecture)
- Stanford University** Stanford, California. 1998 - 1999
- CEE 200 Teaching in Civil and Environmental Engineering (team-taught)
 - CEE 266 Environmental Policy Design and Implementation (teaching assistant, two semesters)

SELECTED PUBLICATIONS

-
- Ohshita, S. B. and L. Ortolano (forthcoming) "The Influence of Economic Reforms on Cleaner Technology Diffusion in China." *Development and Change, Special Issue on China Environment and Development*. Submitted revised manuscript in June 2003.
- Ohshita, S. B. (forthcoming) "Energy And Sustainable Development In Climate Change Policy: Asian Issues." Presented at *International Perspectives on Environmental Public Policy*. Budapest, Hungary, 2-4 June 2003. Submitted in July 2003 for publication with conference proceedings.
- Ohshita, S. B. and L. Ortolano (2002) "The promise and pitfalls of Japanese cleaner coal technology transfer to China," *Int. J. Technology Transfer and Commercialisation*, 1(1/2):56-81.
- Guikema, S., L. Ortolano, S. B. Ohshita, and P. Collins (2001) "Using Simulation to Teach Negotiation Processes to Environmental Engineers." *Journal of Engineering Education*, October: 631-635.
- Ohshita, S. B. and L. Ortolano (1999) "Incentives and Barriers to Clean Coal Technology Diffusion in Chinese Enterprises." *Proceedings of the Second International Symposium on Clean Coal Technology*, November 1999, Beijing, P.R. China. China Coal Industry Publishing House, Beijing.
- Ohshita, S. B. and Y. Lu, eds. (1996) *Economic Growth, Energy Use and Environmental Issues*. Summary Report of the International Conference on Energy and Sustainable Development, Tsinghua University, 16-17 July 1996. China Environmental Science Press, Beijing.
- Ohshita, S. B. and C. Seigneur (1993) "Risk and Technology in Air Toxics Control: California and the Clean Air Act Amendments." *J. Air & Waste Management Assoc.* 43:723-728.