

Anthony M. Smith, EIT, PhD Candidate
Graduate Research Assistant

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Education

Master of Science in Environmental and Water Resources Engineering August, 2006
The University of Texas at Austin GPA 3.85
Advisors: Danny Reible, Ph.D. and Mary Jo Kirisits, Ph.D.
Thesis: Effects of bioturbation on the bacterial community in contaminated sediment

City College of San Francisco (No degree, engineering coursework, GPA 3.82) 8/03 - 6/04

Bachelor of Science in Biochemistry (Spanish minor), graduated Cum Laude June, 2000
California Polytechnic State University at San Luis Obispo GPA 3.55

Experience

Program Coordinator, Engineers for a Sustainable World National Conference 12/04 – 10/05
Supervised team of 8 volunteers to recruit presenters, served on 5-member planning committee

Research Associate, AGY Therapeutics, Inc. 3/01 - 8/03
Developed tests for protein inhibitor screens; collected, analyzed, and presented data

Research Assistant, Environmental Biotechnology Institute 10/99 - 9/00
Directed laboratory exercises, tutored peers

Activities and Awards

Thrust Fellowship (2006)
Engineers for a Sustainable World active member (2004 – present)
Engineers without Borders active member (2005 – present)
Walter J. and Reta Mae Moore Fellowship in Water Resources (2004)
Scholarship in Polymers and Coatings (1999)
Golden Key National Honor Society member (1998)

Publications and Posters

Smith A, Reible DD, & Kirisits MJ. The effect of bioturbation on sediment bacteria. Poster for the 27th Meeting of the Society of Environmental Toxicology and Chemistry (SETAC), North America. 2006.

Smith, et al. A high-throughput turbidimetric assay for screening inhibitors of protein disulfide isomerase activity. 2004. *Journal of Biomolecular Screening.* 9:614-620.

Smith A & Mack K. Analysis of powder coatings for volatile organic compounds. 2000. Thesis (BS). CPSLO.

Lorente G, *Smith A, et al.* Phospholipid fatty acid (PLFA) profiles showing temporal shifts in microbial populations during bioremediation of petroleum-contaminated soils. Poster session at the 1999 General Meeting of the American Society for Microbiology.