

## Frank E. Löffler, UT/ORNL Governor's Chair Professor - Abbreviated Curriculum Vitae

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### Professional Preparation

University of Hohenheim, Germany	Biology, Agricultural Sciences	B.S., 1986
University of Hohenheim, Germany	Microbiology, Biochemistry	M.S., 1990
Technical Univ. Harburg/Hohenheim	Technical Biochemistry/Microbiology	Ph.D., 1994
Michigan State University	Microbial Ecology	Postdoc, 1994-1999

### Appointments

Director, Center for Environmental Biotechnology, University of Tennessee (UT)	since 7/2016
Governor's Chair Professor, University of Tennessee (Microbiology and CEE) & Oak Ridge National Laboratory (ORNL's Biosciences Division)	since 5/2010
Carlton Wilder Professor, Civil & Environmental Engineering (CEE), Georgia Tech	2/2010-4/2010
Carlton Wilder Assoc. Prof., CEE, Georgia Tech, joint appt. School of Biology	9/2006-1/2010
Associate Professor, CEE, Georgia Tech	4/2004-8/2006
Assistant Professor, CEE, Georgia Tech	4/1999-3/2004

### Select Professional Activities

Member, The University Consortium for field-focused groundwater research	2019-
Editorial Board, Environmental Microbiology	2014-2017
Webinars to transition science into practice	2004-
Editor, Applied and Environmental Microbiology	2008-2018
Remediation project consulting	2004-

### Select Professional Awards

2016 Fellowship, American Academy of Microbiology  
2015 ESTCP, Project-of-the-Year Award for Environmental Restoration (as Co-PI)  
2015 American Society for Microbiology Divisions N, Q, R Lecturer  
2009 Shimizu Visiting Professorship, Environmental Science & Eng. Program, Stanford University  
2008 ITRC Bioremediation of DNAPL Team of the Year Award  
2004, 2006 SERDP, Cleanup Project of the Year Award  
2001 National Science Foundation CAREER Award  
1994 Feodor Lynen Research Fellowship, Alexander von Humboldt Foundation

### Publications (*of >165 peer-reviewed*)

Google Scholar: <http://scholar.google.com/citations?user=dfeHuM0AAAAJ>

**Science Management.** Dr. Löffler conducts project management and research coordination, performance planning and evaluation for a group of ~25 graduate students, technicians, postdoctoral associates, visiting faculty, and administrative assistants. He oversees several microbiological-chemical laboratories at UT and ORNL, implements laboratory safety procedures and provides ethical conduct training. Dr. Löffler serves or has served as principal investigator on NSF, DoE, DoD, EPA, NIH and industry grants and contracts. He has an established track record for assembling and leading successful multi-disciplinary research teams. Since 1994, he has collaborated with more than 150 scientists and engineers from many countries. Dr. Löffler maintains a high standard of scholarly achievements with innovative, cutting-edge contributions to science and engineering. He publishes in priority journals, authored more than 165 peer-reviewed publications, has a Google Scholar *h*-index of 57, and his work has been cited more than 12,000 times. Dr. Löffler has supervised 19 postdoctoral fellows (3 current), graduated 18 graduate students (5 current), and mentored 45 undergraduate students (2 current) since 2000 (65% female, 28% underrepresented minorities).

**Research Statement.** The Löffler Lab studies relevant biogeochemical processes in soil, sediment, subsurface and water environments by combining cultivation-based techniques with genetic, biochemical, analytical, meta-omics, and computational methodologies. This integrated approach unifies research themes in the Löffler Lab, and all projects address fundamental research questions, some have an applied component, and several are of considerable public interest.