

## *1-Page Synopsis of Curriculum Vita of John S. Gierke, Ph.D., P.E.*

**Education:** 1990 Ph.D. (Environmental Engineering) Engineering, 1996 M.S. Civil Engineering, 1984 B.S. Civil Engineering, Michigan Technological University, Houghton

### **Professional Experience:**

Presently: Associate Professor, Assistant Professor (1990-1996) Department of Geological & Mining Engineering & Sciences, Michigan Technological University

Visiting Researcher: Clemson University, University of Delaware, Oak Ridge National Laboratory

**Professional Honors & Awards:** Presidents' Council of State Universities of Michigan Distinguished Professor of the Year, MTU Graduate Faculty Mentoring Award, DOE Environmental Restoration & Waste Management Distinguished Junior Faculty Award

### **Scholarship:**

21 Published Peer-Reviewed Publications, 3 in Review and 1 in Press (e.g. Journals: *Environmental Science & Technology*, *Water Resources Research*, *Water Environment Research*, *Ground Water Monitoring & Remediation*, *Vadose Zone Journal*)

5 Journal Publications Reviewed by an Editor

>60 Presentations & 20 Proceedings Papers

Co-editor: *Innovative Subsurface Remediation: Field Testing of Physical, Chemical, and Characterization Technologies*, ACS Symposium Series 725,

Associate Editor: *Ground Water Monitoring and Remediation*

### **Externally Funded Research Projects:**

Total >\$6.5M since 1990, >\$2.3M Active

Primary sponsors: National Science Foundation, DoD/EPA/DOE Strategic Environmental Research & Development Program, U.S. Department of Energy, U.S. Department of Agriculture

### **Graduate Students (11 active (3 Ph.D., 8 M.S.) & 22 graduated (4 Ph.D., 18 M.S.)):**

Current: 1 Ph.D. Candidate in Engineering (Environmental Engineering), 1 Ph.D. Student in Geological Engineering, 4 M.S. Geology, & 4 M.S. Civil & Environmental Engineering; *Co-advisor* for 1 Ph.D. Student in Mechanical Engineering

Graduated: 1 Ph.D. Geological Engineering, 1 Ph.D. Geology, 11 M.S. Geological Engineering, 2 M.S. Geology, & 4 M.S. Civil & Environmental Engineering; *Co-advisor* for 2 Ph.D. Engineering (Environmental), 2 M.S. Geology, and 1 M.S. Environmental Engineering

### **Service:**

Internal: Coordinator of the Strategic Faculty Hiring Initiative (SFHI), Chair of SFHI Committee, President of Graduate Faculty Council

External: Reviewer for Promotion & Tenure (Clemson University, Colorado School of Mines, University of Oklahoma, Clarkson University, University of Connecticut, University of North Dakota), Review Panels (USDOE, SERDP, NSF CAREER), PhD. Committees (Rice University, Tampere University (Finland)), Professional Committees (Interstate Technology Regulatory Council, National Ground Water Association Wellhead Protection Interest Group, Water Environment Federation Groundwater Committee (Technical Session Co-Chair))