

1-Page Synopsis of Curriculum Vitae 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: Professor, Interim Chair (2009-10), Associate Professor (1997-2009), 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: John I. Davidson President's Award for Practical Papers in *PE&RS*, Presidents' Council of State Universities of Michigan Distinguished Professor of the Year, MTU Graduate Faculty Mentoring Award, AGU Editor's Citation for Excellence for Refereeing in Water Resources Research, DOE Environmental Restoration & Waste Management Distinguished Junior Faculty Award

Scholarship:

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

4 Book Chapters, 1 Peer-Reviewed Technical Report

6 Journal/Monograph Publications Reviewed by an Editor

>60 Presentations & 22 Proceedings Papers

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

Associate Editorships: *Journal of Contaminant Hydrology*, *Ground Water Monitoring Remediation*

Externally Funded Research Projects:

Total >\$6.8M since 1990, >\$2.6M 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 (18 active (3 Ph.D., 15 M.S.) & 36 graduated (6 Ph.D., 30 M.S.)):

Current: 1 Ph.D. Candidate in Engineering Geological Engineering, 2 Ph.D. Students in Geology, 7 M.S. Geology & Geological Engineering, & 2 M.S. Civil & Environmental Engineering, *Co-advisor* for 3 M.S. in Geology & Geological Engineering and 1 M.S. in Civil & Environmental Engineering

Graduated: 1 Ph.D. Geological Engineering, 1 Ph.D. Geology, 10 M.S. Geological Engineering, 5 M.S. Geology, & 7 M.S. Civil & Environmental Engineering; *Co-advisor* for 4 Ph.D. Engineering (Environmental) and 1 Ph.D. Mechanical Engineering, 3 M.S. Geology, and 2 M.S. Environmental Engineering

Service:

Internal: Coordinator of the Strategic Faculty Hiring Initiative (SFHI), Chair of SFHI Committee, President of Graduate Faculty Council, Chair of the Committee for Academic Tenure, Promotion, and Re-Appointment

External: Reviewer for Promotion & Tenure (Clemson University, Colorado School of Mines, 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))