

# DR. JOHN GIERKE

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Dr. Gierke has been a professor at Michigan Technological University for almost 17 years. Additionally all three of his degrees were earned at Michigan Tech. Recently, Dr. Gierke directs the **Aqua Terra Tech (ATT)** program that provides students a unique curricular pathway for developing and practicing technical and business skills in a multidisciplinary setting. ATT provides **undergraduate**

**students** an opportunity to run a consulting company in ground-water investigations. Recently, students working with ATT have developed a watershed model for the Keweenaw Bay Indian Community and a water supply plan for a small Nicaraguan town. In an effort to partner with Detroit schools, Dr. Gierke developed a program under ATT to capture rain water and restore groundwater with the help of Detroit students at a science magnet school. According to one colleague, Dr. Gierke is co-creator of a state of the art “subsurface remediation research laboratory” which allows students and researchers to better understand the permeation of contaminants into various sorts of soil compositions. Perhaps a notable testament to the value he places on advising students, Dr. Gierke lists as part of his accomplishments all of the students he advises.

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