



Fitzgerald Environmental Associates, LLC.

Applied Watershed Science & Ecology

Samuel P. Parker

Samuel.Parker@uvm.edu

EDUCATION:

B.Sc. Environmental Science, Expected Graduation May 2009, University of Vermont, Burlington, VT
Water Resources Focus and Chemistry Minor

PROFESSIONAL EXPERIENCE:

2007 to present, *Staff Scientist*, Fitzgerald Environmental Associates, LLC, Colchester, VT

Specific areas of expertise and services include geomorphic assessments per the Vermont Agency of Natural Resources (ANR) Stream Geomorphic Assessment Protocols, benthic macroinvertebrate sampling and identification, GIS and remote sensing.

2007 to present, *Level III Lab Technician*, Rubenstein School of Environment and Natural Resources Work Study, University of Vermont (UVM), Burlington, VT

Worked under Dr. Mary Watzin, director of the Rubenstein Ecosystems Science Laboratory, to develop a photograph guide to common macroinvertebrates in Vermont. The guidebook will be used during UVM's Watershed Field Camp course offered in the summer of 2008.

2006 to 2007, *Shades of Ebony Tutoring Program*, Burlington High School, Burlington, VT

Tutored minority students in grades eight through twelve in chemistry, biology and mathematics.

2006 (Summer), *Landfill Technician*, Charles Chrin Companies, Sanitary Landfill Division, Easton, PA

Worked with the on site environmental scientist, engineer, and surveyor. Responsible for ground and surface water sampling with Pennsylvania's DEP, quantitative gas analysis using the GEM 2000 and GEM 500, and site surveying using the Topcon Total Station GTS 225.

ADDITIONAL ADVANCED STUDY:

2007 (Summer), *Watershed Field Camp, NR 285*, University of Vermont (UVM), Burlington, VT

The 2007 watershed field camp was a trial run for a month-long intensive field study course that focused on biology, chemistry, geology, hydrology, and geomorphology at the watershed scale.

2006 (Spring), *Greening of Aiken Internship, NR 285*, Rubenstein School of Environment and Natural Resources, University of Vermont, Burlington, VT

Used complex systems of plants and animals, or eco-machines, to reduce phosphorous in grey water.

AWARDS:

2006 to 2007, *URECA*, Undergraduate Research Endeavors Competitive Award, University of Vermont Honors College, Burlington, VT

Study Topic: The Effect of Stream Geomorphic Variability on Macroinvertebrate Communities in Northwestern Vermont