

Curriculum Vitae

Timothy South
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Education:

M.S., Microbiology, Bowling Green State University. Expected graduate in summer 2009. Advisor: Dr. Ray Larsen.

B.S., Biology, University of Dayton. 2003-2007.

Research Experience:

Graduate Research Assistant 2007-present. Working with TonB protein in *E. coli* in respect to cellular functions of *E. coli* with full, partial, and no functional genes encoding for TonB production.

Graduate Teaching Assistant 2007-present. Introduction to Biology for non-majors. Responsibilities include pre-lab preparations, lecturing in lab, and grading 80 students.

Undergraduate Teaching Assistant in Cell Biology Lab January 2007-May 2007. Assisted in teaching lecture material to the lab as well as taking care of preparatory materials to be used during the lab.

Undergraduate Research Assistant in an aquatic ecology lab August 2005-May 2007. Assisted in collecting samples as well as selecting, counting, and identifying macroinvertebrates in samples from Costa Rica and South West Ohio.

Aquatic ecosystem research in Costa Rica determining the effects of silt and chemical run off on stream ecology. May 9th - May 23rd 2005.

Professional Societies:

Beta Beta Beta- National Biological Honor Society
American Society for Microbiology

Publications:

Hanley CM, Beaman BC, Vonderhaar DA, Siefker LM, South TE, Benbow ME, Burky AJ (2006) A comparison of sampling methods and assessment of ecological health of the Little Miami River, Ohio, using a macroinvertebrate bioindicator functional feeding group approach. Presented at the University of Dayton, 2006.

Beaman BC, Vonderhaar DA, South TE, Siefker LM, Hanley CM, Benbow ME, Burky AJ (2006) A comparison of quantitative and qualitative methods for the development of a stream macroinvertebrate functional feeding group bioassessment protocol for the tropical streams of Costa Rica. Presented at the University of Dayton, 2006.