

Nathan S. Bosch

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Education:

2002 – 2007 University of Michigan Ann Arbor, MI
Ph.D.: School of Natural Resources & Environment
Program of study: Resource Ecology & Management - Aquatics
1998 – 2002 Trinity Christian College (TCC) Palos Heights, IL
Bachelor of Arts: Biology and Chemistry, highest honors
Graduated from Honors Program
Summer, 2000 Au Sable Environmental Institute Mancelona, MI
Courses: Environmental Chemistry and Limnology

Teaching experience:

Winter, 2006 Program in the Environment Ann Arbor, MI
Graduate Student Instructor - Introduction to Environmental Analysis
Fall, 2005 University of Michigan Ann Arbor, MI
Graduate Student Instructor - Global Change 1
Winter, 2005 Program in the Environment Ann Arbor, MI
Graduate Student Instructor - Introduction to Environmental Analysis

Other related work experience:

2007-Present Cooperative Institute for Limnology and Ecosystems Research
Ann Arbor, MI
Research Fellow – Watershed modeling for Lake Erie catchments
2006 Stantec Inc. Ann Arbor, MI
Modeling consultant – SWAT modeling for watershed management plan
2002-2004 Great Lakes Environmental Research Laboratory Ann Arbor, MI
Research Assistant - Aquatic nutrient chemistry analyses
1999-2002 Argonne National Laboratory Argonne, IL
Laboratory Technician - Chromatographic analyses for phytoremediation project
Summer, 2001 Environmental Resources Management Holland, MI
Aquatic Toxicology Laboratory Intern - Whole Effluent Toxicity testing using aquatic organisms
Summer, 2001 Macatawa Area Coordinating Council Holland, MI
Macatawa Watershed Community Education Intern – Watershed public education tasks

Leadership and service:

Volunteer with Huron River Watershed Council as part of their Stream Monitoring Program,
2003-Present.
Au Sable Graduate Fellow as designated by the Au Sable Environmental Institute, 2003-
2007.
Board Member of the International Association for Great Lakes Research Board of
Directors. Elected by Association membership as the student member from the U.S.,
2004-2006.
Student Representative on the SNRE Promotion and Tenure Committee, 2004-2005.

Student Representative on the Communications Advisory Committee, part of the University of Michigan Faculty Senate Assembly, 2004-2005.

Volunteer for National Ocean Sciences Bowl in the Midwest Regional Competition. This is a national competition put on by the National Oceanic and Atmospheric Administration for teams of high school students, 2003-2004.

President of TCC Science Club, 2000-2001.

Vice President of TCC Student Association, 2000-2001.

Student Representative on TCC Alumni Board, 2000-2001.

Resident Assistant in TCC residence hall, 1999-2000.

Awards, grants, and fellowships:

Karl F. Lagler Award – awarded to signify achievement and research promise to graduating student from the School of Natural Resources and Environment, 2007.

Rackham Dissertation Fellowship – awarded to support the writing of doctoral dissertation for one academic term, 2007.

Rackham Discretionary Funds – awarded to fund travel costs incurred by field sampling program and partially offset lab analysis costs associated with dissertation research, 2005.

SNRE Travel Award – awarded based on financial need associated with presentation at Gordon Research Conference, 2005.

Rackham Travel Grant – awarded to support attendance and presentation at Gordon Research Conference, 2005.

SNRE Research Grant - for travel and supply costs with field sampling associated to dissertation research, 2004.

Rackham Discretionary Funds – awarded to help cover research costs associated with lab analyses and field sampling pertaining to dissertation research, 2003.

SNRE Research Grant - for travel costs associated with field sampling necessary to dissertation research, 2003.

SNRE Recruitment Fellowship – awarded to exceptional incoming graduate students to cover tuition costs, 2002.

Lincoln Laureate Award - inducted into Lincoln Academy of Illinois for being selected as the top TCC senior for academic excellence and leadership, 2002.

VanderVelde Scholarship - presented by VanderVelde Scholarship Committee for research I proposed aimed at correlating nutrient input into small lake with invertebrate population fluctuation, 2001.

Founders' Scholarship - full tuition scholarship awarded to two incoming TCC students per class; renewable for 4 years, 1998-2002.

Professional memberships:

American Association of Science, 2007-Present.

North American Benthological Society, 2003-2004 and 2007-Present.

American Fisheries Society, 2007-Present.

International Association of Great Lakes Research, 2004-2006.