

KATERI SALK

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424 Natural Science Building
Michigan State University
East Lansing, MI 48824

EDUCATION

Michigan State University

2012-present *Degree:* Ph.D. in Zoology
Specialization: Environmental Science and Policy
GPA: 4.0

St. Olaf College

2008-2012 *Degree:* B.A. in Biology, Environmental Studies
GPA: 3.81, magna cum laude

FELLOWSHIPS AND AWARDS

2013-2016	<i>National Science Foundation</i>	Graduate Research Fellowship
2013	<i>American Geophysical Union</i>	Outstanding Student Paper Award
2012-2013	<i>Michigan State University</i>	College of Natural Science Fellowship
2012	<i>St. Olaf College</i>	Distinction in Biology
2010-2012	<i>St. Olaf College</i>	Arthur Fardal Endowed Scholarship
2009-2012	<i>St. Olaf College</i>	Dean's List
2008-2012	<i>St. Olaf College</i>	Presidential Scholarship

PRESENTATIONS

(8) **K. Salk**, N. Ostrom, P. Ostrom, B. Biddanda, S. Kendall, L. Gereaux. Linkages of seasonal hypoxia and mixing events to atmospheric fluxes and isotope biogeochemistry of N₂O and CH₄ in Muskegon Lake. American Geophysical Union Fall Meeting, San Francisco, CA, December 2013. Received: AGU Outstanding Student Paper Award.

(7) M. Twiss, **K. Salk**, L. Avolio, A. Chappaz, N. Ostrom. Mo and Fe influences on nitrate assimilation in Lake Ontario and the St. Lawrence River. American Geophysical Union Fall Meeting, San Francisco, CA, December 2013.

(6) **K. Salk**, N. Ostrom, P. Ostrom, B. Biddanda, S. Kendall, L. Gereaux. Linkages of seasonal hypoxia and mixing events to greenhouse gas emissions from Muskegon Lake, MI. United Nations 68th Anniversary Commemoration Conference, East Lansing, MI, October 2013.

(5) **K. Salk**, N. Ostrom, P. Ostrom, B. Biddanda. Ecosystem metabolism and microbial sources of N₂O in Muskegon Lake, a eutrophic Area of Concern. Biogeochemistry of the Great Lakes System, Detroit, MI, March 2013.

(4) N. Ostrom, P. Ostrom, **K. Salk**. The enigmatic Great Lakes nitrogen cycle: Review and insights from isotopic records. Biogeochemistry of the Great Lakes System, Detroit, MI, March 2013.

(3) **K. Salk**, J. Schade, M. Swift. Elemental stoichiometry and nutrient recycling in an aquatic microcosm food web. Minnesota Academy of Sciences Undergraduate Research Symposium, Northfield, MN, April 2012.

(2) **K. Salk**, M. Weissburg, M. Hay. Induction of chemical defenses in the freshwater macrophytes, *Cabomba caroliniana* and *Egeria densa*. St. Olaf Science Symposium, Northfield, MN, May 2011.

(1) **K. Salk**, M. Weissburg, M. Hay. Induction of chemical defenses in the freshwater macrophytes, *Cabomba caroliniana* and *Egeria densa*. Association for the Sciences of Limnology and Oceanography, San Juan, PR, Feb 2011.

RESEARCH EXPERIENCE

2012-present	<i>Michigan State University</i>	Doctoral dissertation research
2011	<i>St. Olaf College</i>	Independent research: Elemental stoichiometry and nutrient recycling in an aquatic food web
2011	<i>St. Olaf College</i>	Independent study: Stable isotope ecology
2011	<i>Georgia Institute of Tech.</i>	Research technician: Inducible defenses of invasive freshwater plants and crayfish foraging strategies
2011	<i>Georgia Institute of Tech.</i>	Research Experience for Undergraduates: Inducible defenses of invasive freshwater plants and crayfish foraging strategies
2009-2012	<i>St. Olaf College</i>	Laboratory technician: Biogeochemistry, Developmental Biology, Invertebrate Biology

TEACHING EXPERIENCE

2013	<i>Michigan State University</i>	Course: Pathways to Scientific Teaching in Biology
2012-2013	<i>Michigan State University</i>	Oceanography Guest Lecturer (Subjects: Biogeochemistry, Waves)
2012	<i>Michigan State University</i>	Oceanography Honors Section Discussion Leader
2011	<i>St. Olaf College</i>	Ecology Teaching Assistant
2010-2011	<i>St. Olaf College</i>	Evolution and Diversity Teaching Assistant

OUTREACH EXPERIENCE

2012	Nature Director: Minnesota Elks Youth Camp
2012	EggPlants, a youth gardening program in Northfield, MN

DOMESTIC AND INTERNATIONAL LEARNING EXPERIENCE

2010	<i>St. Olaf College</i>	Desert Biology (Southwest United States)
2011	<i>St. Olaf College</i>	Island Biology (San Salvador, The Bahamas)

PROFESSIONAL SOCIETY MEMBERSHIPS

American Geophysical Union

Association for the Sciences of Limnology and Oceanography

Beta Beta Beta