

Aquatic Ecology Laboratory  
Department of Evolution, Ecology,  
and Organismal Biology  
The Ohio State University

1314 Kinnear Road  
Columbus, OH 43212-1156  
telephone: 614.292.1613  
fax: 614.292.0181

## **Education**

*The Ohio State University.* Columbus, OH. Master of Science in Aquatic Ecology.  
June 2004. Thesis title: Quantifying predatory interactions between stocked  
saugeye and prey fishes in Ohio reservoirs.

*Goshen College.* Goshen IN. Bachelor of Arts, May 1999. Interdisciplinary major:  
Biology, Environmental Studies, and Sociology/Anthropology.

## **Financial support received**

*Graduate Research Associate.* 2001 to 2004. The Ohio State University. Columbus,  
Ohio. Assisted in development of funded Ohio Department of Natural Resources,  
Ohio Division of Wildlife grant titled: Quantifying predatory interactions between  
stocked saugeye and prey fishes in Ohio reservoirs. PI: R.A. Stein, The Ohio  
State University, July 2002 to June 2004.

*Graduate Teaching Associate.* 2002. Department of Evolution, Ecology, and  
Organismal Biology. The Ohio State University. Columbus, OH. EEOB 413:  
Introduction to Ecology, Winter 2002. Supervisor: Dr. Ralph Boerner.

## **Professional experience**

*Research Assistant.* July 2004 to present. The Ohio State University, Aquatic Ecology  
Laboratory. Worked directly with AEL Director and Fiscal Manager to update,  
edit, and rewrite AEL Procedures Manual; updated and maintained AEL  
webpage. Prepared manuscript for publication.

*Graduate Research Associate.* September 2001 to June 2004. The Ohio State  
University, Aquatic Ecology Laboratory. Involved in all aspects of development and  
fulfillment of a project entitled "Quantifying predatory interactions of stocked saugeye  
and prey fishes in Ohio reservoirs," upon which master's thesis is based. Worked  
closely with Ohio Division of Wildlife personnel, structuring project development,  
formulating sampling strategies and protocols, and coordinating field work. Collected  
data throughout the year, using a variety of fish sampling gear, including acoustics,  
electrofishing, gill nets, and neuston nets. Collected, processed, and analyzed data,  
including bioenergetics modeling. Provided regular reports, both written and verbal to  
the funding agency. Interviewed, hired, trained, and supervised fulltime and  
temporary summer technicians to assist with meeting project goals. Responsible for  
creation and handling of project budgets in FY03 (\$131,757) and FY04 (\$79,099).  
Worked with Ohio Division of Wildlife fisheries biologists to formulate stocking  
recommendations for saugeye in Ohio reservoirs. Completed thesis, a version of  
which will ultimately be submitted for publication in a peer-reviewed journal.  
Completed coursework for M.Sc. degree.

*Graduate Teaching Associate.* Instructor for lab portion of EEOB 413; prepared and  
presented material for weekly labs; tailored and graded assignments; provided  
input for exam material; led optional review sessions for students; assisted  
individual students with assignments.

## Professional experience, cont'd.

*Research Technician.* May 2001 to September 2001. The Ohio State University, Aquatic Ecology Laboratory. Columbus, Ohio. Conducted field and lab work on a project titled: Exploring ecological mechanisms underlying recruitment of smallmouth bass in Lake Erie. Work included underwater surveys and experiments (using SCUBA) focusing on smallmouth bass nesting sites in Lake Erie, Ohio.

*Research Assistant.* June 1999 to May 2001. Kansas Biological Survey/University of Kansas. Lawrence, Kansas. Participated in a variety of water quality studies in reservoirs throughout Kansas and in experimental ponds. Responsible for coordinating and participating in field sampling, analysis of water chemistry, laboratory management, handling of data and budgets, and leadership in a variety of water quality related projects.

*Research Technician.* June 1998 to February 1999. The Ohio State University, Aquatic Ecology Laboratory. Columbus, Ohio. Conducted field and lab work on a project titled: Exploring mechanisms regulating crappie populations in Ohio reservoirs. Work involved collection of field data from reservoirs using a variety of sampling techniques, data entry, and lab processing of ichthyoplankton samples.

## Refereed publications

Smith, V. H., **J. Sieber-Denlinger**, F. deNoyelles, Jr., S. Campbell, S. Pan, S. J. Randtke, G. T. Blain, and V. A. Strasser. 2002. Managing taste and odor problems in a eutrophic drinking water reservoir. *Lake and Reservoir Management* 18:318-322.

## Presentations (first author indicates presenter)

**Sieber-Denlinger, J. C.**, A. E. Kulesza, and R. A. Stein. Quantifying predatory interactions between stocked saugeye and prey fishes in Ohio reservoirs. Presented at the Ohio Chapter of the American Fisheries Society Student Life Sciences Forum, Columbus, OH, 2 April 2004.

**Sieber-Denlinger, J. C.**, A. E. Kulesza, and R. A. Stein. Quantifying predatory interactions between stocked saugeye and prey fishes in Ohio reservoirs. Presented at the Ohio Division of Wildlife Annual Research Review, The Ohio State University, Columbus, OH, 26-27 February 2004.

**Sieber-Denlinger, J. C.**, A. E. Kulesza, and R. A. Stein. Quantifying predatory interactions between stocked saugeye and prey fishes in Ohio reservoirs. Presented at the 44<sup>th</sup> Ohio Fish and Wildlife Conference, The Ohio State University, Columbus, OH, 6 February 2004.

**Sieber-Denlinger, J. C.**, A. E. Kulesza, R. S. Hale, and R. A. Stein. Prey and predation: reservoir explorations and insights. Presented at the Ohio Division of Wildlife Annual Research Review, The Ohio State University, Columbus, OH, 28-29 January 2003.

Smith, V.H., F. deNoyelles, S. Pan, S. Randtke, and **J. Sieber-Denlinger**. Managing taste and odor problems in a eutrophic drinking water reservoir. Presented at the American Society of Limnology and Oceanography, Victoria, BC, 10-14 June 2002.

## **Professional service**

*Shadowing experience volunteer.* 2003-2004. Aquatic Ecology Laboratory.  
Columbus, Ohio

*Oral presentation judge.* 2003. 133<sup>rd</sup> Annual meeting of the American Fisheries Society, Quebec City, Quebec.

*Diversity Committee member.* 2003-2004. Graduate Evolution and Ecology Student Organization. The Ohio State University. Columbus, Ohio.

*Young Women in Science Day volunteer.* 2001-2004. Aquatic Ecology Laboratory. Columbus, Ohio.

## **Professional organization**

*American Fisheries Society.* 2001 to present.

## **References**

Dr. Roy A. Stein  
Aquatic Ecology Laboratory  
The Ohio State University  
1314 Kinnear Rd.  
Columbus, OH 43212

614.292.1613  
stein.4@osu.edu  
relationship: graduate advisor at The Ohio State University

Mr. Scott Hale, Biology Supervisor  
Inland Fisheries Research Unit  
ODNR, Division of Wildlife  
10517 Canal Road, SE  
Hebron, OH 43025

740.928.7034  
Scott.Hale@dnr.state.oh.us  
relationship: Ohio Division of Wildlife project liaison

Dr. Val H. Smith  
Department of Ecology and Evolutionary Biology  
6007 Haworth Hall  
1200 Sunnyside Avenue  
University of Kansas  
Lawrence, KS 66045

785.864.4565  
vsmith@ku.edu  
relationship: supervisor at University of Kansas