

## **D. Derek Aday, Ph.D.**

*Department of Biology, North Carolina State University  
127 David Clark Laboratory, Raleigh, NC 27695-7617  
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### **PROFESSIONAL EXPERIENCE**

#### *Current:*

Assistant Professor of Biology, North Carolina State University

Affiliations: Keck Center for Behavioral Biology  
Program for Fisheries and Wildlife Sciences  
Graduate Ecology Group

#### *Previous:*

Assistant Professor of Evolution, Ecology, and Organismal Biology, *The Ohio State University*. 2002-2005.

### **EDUCATION**

Ph.D., Ecology / Evolutionary Biology. 2002.  
Emphasis: Population Biology / Aquatic Ecology  
The University of Illinois – Department of Ecology, Ethology, and Evolution

M.S., Aquatic Ecology and Fisheries Science. 1997.  
Louisiana State University - School of Forestry, Wildlife, and Fisheries

B.S. Biology, *Cum Laude*. 1994.  
East Carolina University – Department of Biology

### **CERTIFICATION**

Graduate Teaching Certificate, 2001  
Associate Fisheries Professional - American Fisheries Society, 1999.

### **PROFESSIONAL SOCIETIES**

American Fisheries Society  
Society for Conservation Biology  
Fisheries Society of the British Isles  
Ecological Society of America.

### **HONOR SOCIETIES**

Phi Kappa Phi  
Sigma Xi

### **AWARDS**

Best Student Presentation - Honorable Mention (DDA co-advisor), AFS 2008  
Best Student Presentation (DDA co-advisor), AFS 2007  
Illinois Natural History Survey / CAE Best Paper Award (*Ecology* 84:3370-3375), 2005  
Best Presentation, Ohio Fish and Wildlife Conference, 2003  
Lou Osborne Memorial Award - Outstanding Presentation, American Fisheries Society 2002  
Excellent Teacher Award, University of Illinois, 2001

Traveling Scholar Award, Fisheries Society of the British Isles, 2001  
 Skinner Memorial Award, American Fisheries Society, 1999  
 Illinois Lake Management Graduate Scholarship Winner, 1999  
 AFS/Sea Grant Outstanding Student Presentation Award – Honorable Mention,  
 American Fisheries Society, 1999  
 Outstanding Paper Award, Midwest Fish and Wildlife Conference, American Fisheries  
 Society, 1999  
 Golden Key National Honor Society  
 Excellent Teacher Award, University of Illinois, 1998  
 Outstanding Teacher Award (Top 10% Campus-wide), University of Illinois, 1998  
 National Kleinoder Graduate Scholar Award, 1997  
 Cum laude graduate, 1994  
 Dean's List 1990-1994

## PUBLICATIONS

### Book Chapters:

35. Aday, D.D., J.J. Parkos, and D.H. Wahl. 2009. (Invited) Population and community ecology of centrarchids Pages 134 – 164 *In: S.J. Cooke and D.P. Philipp, eds., Centrarchid Fishes: Diversity, Biology, and Conservation.*
34. Aday, D.D. 2008. Exploring stunted body size: where have we been, what do we know, and where do we go? Pages 349-367 *in M. Allen, S. Sammons, M. Maceina, Eds. Balancing Fisheries Management and Water Uses for Impounded River Systems.*

### Peer-Reviewed Articles:

- R33. May, CM, EA Marschall, DD Aday, RS Hale, JCS Denlinger. A spatially explicit consideration of the roles of physical habitat and growth environment in habitat selection by fishes. *Canadian Journal of Fisheries and Aquatic Sciences.* Resubmitted following revision 8/2009.
- R32. Midway, SR, DD Aday, TJ Kwak, K Gross. Cover preference of the Carolina madtom (*Noturus furiosus*), an imperiled, endemic southeastern stream fish. *Journal of Freshwater Ecology.* In Review.
31. Godbout, JD, JA Rice, DD Aday. Diet and habitat overlap of largemouth bass and recently introduced spotted bass in an unproductive reservoir. *Transactions of the American Fisheries Society.* In revision (editorial decision 4/7/09: 'major revision').
30. Midway, SR, TJ Kwak, DD Aday. Habitat suitability of the Carolina madtom, an imperiled, endemic stream fish. *Transactions of the American Fisheries Society.* (editorial decision: 'acceptable following revision' 3/10/09).
29. Sackett, DK, DD Aday, JA Rice, WG Cope. 2009. A statewide assessment of mercury dynamics in North Carolina waterbodies and fish. *Transactions of the American Fisheries Society.* In press.
28. Godbout, JD, DD Aday, JA Rice, M Bangs, J Quattro. 2009. Morphological models for

- identifying largemouth, spotted, and hybrid largemouth-spotted bass. *North American Journal of Fisheries Management*. In press.
27. Hoxmeier, RJH, DD Aday, DH Wahl. 2009. Examining inter-population variation in bluegill growth rates and size structure: effects of harvest, maturation, and environmental variables. *Transactions of the American Fisheries Society* 138: 423-432.
  26. Aday, D.D. 2008. (Invited) Bluegills: Biology and Behavior: book review. *Fisheries* 33:574-575.
  25. Aday, D.D. 2007. The presence of an invasive macrophyte (*Phragmites australis*) does not influence fish habitat use in a freshwater estuary. *Journal of Freshwater Ecology* 22:535-537.
  24. Aday, D.D., D.P. Philipp, and D.H. Wahl. 2006. Sex-specific life history patterns in bluegill (*Lepomis macrochirus*): interacting mechanisms influence individual body size. *Oecologia* 147: 31-38.
  23. Aday, D.D., D.E. Shoup, J.A. Neviackas, J.L. Kline, and D.H. Wahl. 2005. Prey community responses to bluegill and gizzard shad foraging: Implications for growth of juvenile largemouth bass. *Transactions of the American Fisheries Society*. 134:1091-1102.
  22. Berra, T.M. and D.D. Aday. 2004. Otolith description and age-and-growth of nurseryfish, *Kurtus gulliveri*, from Northern Australia. *Journal of Fish Biology* 65:354-362.
  21. Aday, D.D., D.H. Wahl, and D.P. Philipp. 2003. Assessing population-specific and environmental influences on bluegill life-histories: a common garden approach. *Ecology* 84:3370-3375. [CAE / INHS Best Paper Award]
  20. Aday, D.D., J.H. Hoxmeier, D.H. Wahl. 2003. Direct and indirect effects of gizzard shad on bluegill population size structure. *Transactions of the American Fisheries Society*: 132:47-56
  19. Aday, D.D., D.H.Wahl, and D.P. Philipp. 2003. A mechanism for social inhibition of sexual maturation in bluegill sunfish. *Journal of Fish Biology*. 62:486-490.
  18. Aday, D.D., C.M. Kush, D.H. Wahl, and D.P. Philipp. 2002. The influence of stunted body size on the reproductive ecology of bluegill *Lepomis macrochirus*. *Ecology of Freshwater Fish* 11:190-195.
  17. Hoxmeier, J.H., D.D. Aday, and D.H. Wahl. 2001. Factors influencing precision of age estimation from scales and otoliths of bluegills in Illinois reservoirs. *North American Journal of Fisheries Management*. 21:374-380.
  16. Aday, D.D., D.A. Rutherford, and W.E. Kelso. 2000. Field and laboratory determinations of hypoxic affects on RNA-DNA ratios of bluegill. *American Midland Naturalist* 143:433-442.
  15. Aday, D.D., and C.M. Kush. 1999. The advantages of involving undergraduates in graduate

research projects. *Fisheries* 24(12) 34

Thesis/Dissertation:

14. Aday, D.D. 2002. The influence of population and community variables on bluegill, *Lepomis macrochirus*, life histories: Implications for growth rates, timing-of-maturation, and population size structure. PhD Thesis, University of Illinois
13. Aday, D.D. 1997. Effect of hypoxia on RNA-DNA ratios of bluegill in the lower Atchafalaya River Basin, Louisiana. Master's thesis. Louisiana State University.

Non-peer reviewed publications and technical reports:

12. Aday, D.D., T. Kwak, and S.R. Midway. 2009. Reproductive ecology and life history of the Carolina madtom. Final report. North Carolina Wildlife Resources Commission, State Wildlife Grant.
11. Diana, M.J., J. Stein, R.W. Oplinger, D.D. Aday, J.W. Hoxmeier, J. E. Claussen, D.P. Philipp, and D.H. Wahl. 2007. Quality management of bluegill: factors affecting population size structure. Final report. Illinois Department of Natural Resources, Federal Aid in Fish Restoration Project F-128-R. Springfield, Illinois.
10. Bigrigg, J.L., D.D. Aday, and R.A. Stein. 2005. Determining stream origin and migration of four purported walleye stocks in Lake Erie using otolith microchemistry. Annual progress report to the Ohio Division of Wildlife, project FADR43.
9. Bigrigg, J.L., D.D. Aday, and R.A. Stein. 2004. Determining stream origin and migration of four purported walleye stocks in Lake Erie using otolith microchemistry. Annual progress report to the Ohio Division of Wildlife, project FADR43.
8. Diana, M., J. Stein, D. Aday, R. Oplinger, D. Philipp, and D. Wahl. 2004. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.
7. Diana, M., J. Claussen, J. Stein, D. Aday, D. Philipp, and D. Wahl. 2003. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.
6. Aday, D.D., J.E. Claussen, J.H. Hoxmeier, D.Schoup, D.H. Wahl, and D.P. Philipp. 2002. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.
5. Aday, D.D., J.E. Claussen, J.H. Hoxmeier, T.W. Edison, D.H. Wahl, and D.P. Philipp. 2001. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.
4. Aday, D.D., J.E. Claussen, J.H. Hoxmeier, T.W. Edison, D.H. Wahl, and D.P. Philipp. 2000.

Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.

3. Aday, D.D., J.E. Claussen, J.H. Hoxmeier, D.M. Benjamin, T.W. Edison, D.H. Wahl, and D.P. Philipp. 1999. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.
2. Aday, D. D., J.H. Hoxmeier, J.E. Claussen, D.H. Wahl, and D.P. Philipp. 1999. Understanding factors affecting bluegill population size structure. Illinois Natural History Survey Reports No. 358.
1. Claussen, J.E., D.D. Aday, J.H. Hoxmeier, J.L. Kline, D.H. Wahl, and D.P. Philipp. 1998. Quality management of bluegill: factors affecting population size structure. Annual Progress Report, INHS. Aquatic Ecology Technical Report 99/1.

**Selected popular articles about my research:**

*In-Fisherman* May 2000

*BASS Times*, January 2006, 2009

*Charlotte Observer*, October 2006

**PRESENTATIONS**

**Invited:**

51. University of Florida 2009
50. Ontario Ministry of Natural Resources 2008
49. Central Michigan University, 2008
48. USGS Great Lakes Science Center, Ann Arbor, MI 2008
47. Virginia Tech, 2007.
46. Center for Marine Science and Technology, NCSU, 2007.
45. School of Veterinary Medicine, North Carolina State University. 2006.
44. Department of Zoology, North Carolina State University. 2005.
43. University of Richmond. 2004.
42. University of Toledo. 2004.
41. University of Pittsburgh. 2004.
40. Kent State University. 2003.
39. North Carolina Cooperative Fish and Wildlife Research Unit. 2003.
38. Longwood University. 2003.
37. Oak Ridge National Laboratory. 2001.
36. Missouri Department of Conservation. 2000.
35. Public forum: The biology and politics of stem cell research. The Ohio State University.

**Contributed:**

34. Brey, M.K., D.D. Aday, J.Rice, and B. McRae. 2009. Assessing potential competitors and predators of stocked striped bass fingerlings at time of stocking. 139<sup>th</sup> Annual Meeting of the American Fisheries Society, Nashville, TN August 30-Sept 3.

33. Sackett, D.K., D.D. Aday, J.R. Rice, W.G. Cope, and D. Buchwalter. 2009. Assessing the

- influence of proximity to powerplants on fish tissue mercury: local vs global sources. 139<sup>th</sup> Annual Meeting of the American Fisheries Society, Nashville, TN August 30-Sept. 3.
32. Brey, M.K., D.D. Aday, J. Rice. 2009. Assessing potential competitors and predators of stocked striped bass fingerlings at time of stocking. Annual meeting of the North Carolina Chapter of the American Fisheries Society, Burlington, NC February 24-26, 2009.
31. Brey, M.K., D.D. Aday, J. Rice. 2009. Assessing potential competitors and predators of stocked striped bass fingerlings at time of stocking. Annual meeting of the Southern Division of the American Fisheries Society, New Orleans, LA. January 15-18, 2009.
30. Sackett, D.K., D.D. Aday, J. Rice, G. Cope. 2008. Measuring and predicting environmental conditions that promote mercury accumulation in fish from North Carolina waters. North Carolina Chapter of the American Fisheries Society Annual Meeting, Greenville, NC. February 18-20.
29. Sackett, D.K., D.D. Aday, J.R. Rice, and W.G. Cope. 2008. Measuring and predicting environmental conditions that promote mercury accumulation in fish from North Carolina Waters. University Conference for Water Resources National Meeting, Durham, NC. July 22-23.
28. Godbout, J.D., J.R. Rice, and D.D. Aday. 2008. Investigating interactions between largemouth and spotted bass in Lake Norman, North Carolina. 138<sup>th</sup> Annual Meeting of the American Fisheries Society, Ottawa, Canada. August 17-23.
27. May, C.M., E.R., Marschall, D.D. Aday, and R.S. Hale. 2008. Why Saugeye are where they are. 138<sup>th</sup> Annual Meeting of the American Fisheries Society, Ottawa, Canada. August 17-23. *Best Student Presentation – Honorable Mention*
26. Midway, S.R., T. Kwak, D.D. Aday. 2008. Habitat Suitability of the Carolina Madtom, an Imperiled Southeastern Stream Fish. 138<sup>th</sup> Annual Meeting of the American Fisheries Society, Ottawa, Canada. August 17-23.
25. Sackett, D.K., D.D. Aday, J.R. Rice, and W.G. Cope. 2008. Evaluating mercury dynamics and methylmercury accumulation in aquatic systems. 138<sup>th</sup> Annual Meeting of the American Fisheries Society. Ottawa, Canada. August 17-23.
24. Money, E., D.K. Sackett, D. Aday, and M.L. Serre. 2008. An Integrated Spatiotemporal Approach to Improve Mercury Estimation and Exposure Assessment. International Society for Environmental Epidemiology & International Society of Exposure Analysis Joint Annual Conference, Pasadena, CA, USA, October 12-16.
23. Sackett, D.K., D.D. Aday, J.R. Rice, and W.G. Cope. 2008. A statewide assessment of fish tissue mercury dynamics. Water Resources Research Institute Annual Conference, Raleigh, NC. October 8-9.
22. May, C., E. Marschall, D. Aday, and R. S. Hale. 2007. Exploring saugeye population variability

- using spatially explicit habitat information in an Ohio Reservoir. Midwest Fish and Wildlife Conference. Madison, WI.
21. May, C., E. Marschall, D. Aday, and R. S. Hale. 2007. Using spatially explicit habitat data to explain saugeye variability in Hoover Reservoir. Ohio Lake Management Society. Mount Sterling, OH. November 2007. **\*\*Best student presentation.\*\***
  20. May, C., E. Marschall, D. Aday, and R. S. Hale. 2007. Using habitat to decipher saugeye performance in an Ohio reservoir. Ohio GIS Conference. Columbus, OH, September 2007.
  19. May, C., E. Marschall, D.D. Aday, and R.S. Hale. 2007. Using habitat to decipher saugeye performance in an Ohio reservoir. 137<sup>th</sup> Annual Meeting of the American Fisheries Society, San Francisco, California.
  18. Midway, S.R., T.J. Kwak, and D.D. Aday. 2007. Reproductive Ecology and Life History of the Carolina Madtom. North American Native Fishes Association Annual Convention, Greensboro, North Carolina.
  17. Aday, D.D. 2007. Exploring stunted body size: where have we been, what do we know, and where do we go? The Fourth International Reservoir Symposium, Atlanta, Georgia.
  16. May, C, D.D. Aday, and E.A. Marschall. 2007. Habitat mapping and predator-prey dynamics in Ohio reservoirs. Ohio Division of Wildlife-OSU Research Review, Columbus, Ohio.
  15. Bigrigg, J.L., D. D. Aday, and R.A. Stein. 2006. Determining stream origin and migration movements of walleye stocks in Lake Erie using otolith elemental analysis. Ohio Division of Wildlife-OSU Research Review. Columbus, Ohio.
  14. Bigrigg, J.L., D. D. Aday, and R.A. Stein. 2005. Determining stream origin and migration movements of walleye stocks in Lake Erie using otolith elemental analysis. Ohio Division of Wildlife-OSU Research Review. Columbus, Ohio.
  13. Aday, D.D. 2003. Exploring variation in bluegill population size structure: interactions between density dependence and early maturation. American Fisheries Society Annual Meeting, Quebec City, Canada.
  12. Aday, D.D. 2003. Growth, sex, or competition: What causes stunted bluegill? 43<sup>rd</sup> Annual Ohio Fish and Wildlife Conference, Columbus, Ohio. [*Best Presentation Award*]
  11. Hoxmeier, J.H., D.D. Aday, D.H. Wahl. 2003. A comparison of statistical procedures for examining the influence of population-specific variation on age estimates. 36<sup>th</sup> Minnesota Chapter of the American Fisheries Society Annual Meeting, Chaska, Minnesota.
  10. Aday, D.D., D.H. Wahl, D.P. Philipp. 2002. Examining variation in bluegill life history

- strategies: effects of social interactions, genetics, and density dependence. Illinois Chapter of the American Fisheries Society Annual Meeting [*Lewis L. Osborne Memorial Award for Best Paper*].
9. Hoxmeier, J.H., D.D. Aday, D.H. Wahl. 2002. Direct and indirect effects of gizzard shad on bluegill growth and population size structure. Minnesota Chapter of the American Fisheries Society Annual Meeting.
  8. Aday, D.D., D.H. Wahl, D.P. Philipp. 2001. Examining variation in bluegill life histories: effects of genetics, density dependence, and social structure. 2001 Midwest Fish and Wildlife Conference, Des Moines, Iowa.
  7. Aday, D.D., D.H. Wahl, D.P. Philipp. 2001. Importance of phenotypic plasticity to and influence of social structure on age-at-maturation of bluegill. American Fisheries Society Annual Meeting, Phoenix, Arizona.
  6. Aday, D.D. 2000. Social influence and density-dependent interactions in bluegill sunfish. Illinois Lake Management Association Annual Meeting, Peoria, IL.
  5. Aday, D.D., J.H. Hoxmeier, and D.H. Wahl. 1999. Precision of age estimation in stunted and quality bluegill populations: otoliths versus scales. American Fisheries Society Annual Meeting, Charlotte, North Carolina. [*Best Paper – Honorable Mention*].
  4. Aday, D.D., J.H. Hoxmeier, and D.H. Wahl. 1999. Precision of age estimation in stunted and Quality bluegill populations: otoliths versus scales. 1999 Fish and Wildlife Conference, Chicago, Illinois.
  3. Claussen, J.E., J.H. Hoxmeier, D.D. Aday, D.P. Philipp, and D.H. Wahl. 1999. What causes stunting in bluegill? 1999 Midwest Fish and Wildlife Conference, Chicago, Illinois [*Best Paper Award*].
  2. Aday, D.D., J.L. Kline, J.A. Neviackas, and D.H. Wahl. 1998. Direct effects of bluegill versus indirect effects of gizzard shad on invertebrate assemblages: Influence on growth rates of young-of-year largemouth bass. American Fisheries Society, Annual Meeting, Hartford, Connecticut.
  1. Aday, D.D. 1997. Effect of hypoxia on instantaneous growth of bluegill in the lower Atchafalaya River Basin. The Fifth Annual Southern Division Meeting of the American Fisheries Society, San Antonio, Texas.

## **GRANTS**

### Pending:

Exploring bioavailability of mercury in aquatic systems through trophic transfer and benthic-pelagic coupling: a field- and laboratory-based investigation (with JA Rice, WG Cope, NCSU). Department of Defense SERDP. \$891,741. 2010-2014.

### Funded:

Exploring the influence of body size on fish tissue mercury dynamics: implications for natural resource management and human health risk (with JA Rice, NCSU). North Carolina Wildlife Resources Commission. \$47,457. 2009-2011.

White perch invasion dynamics in North Carolina reservoirs (with JA Rice, NCSU). North Carolina Wildlife Resources Commission. \$127,460. 2009-2012.

Exploring mercury transport mechanisms in aquatic systems: a statewide assessment of factors affecting methylmercury contamination of food webs and fish (with WG Cope, JA Rice, D Buchwalter, and DK Sackett, NCSU). Water Resources Research Institute. 2008-2009. \$44,000.

College of Agriculture and Life Sciences Small Equipment Grant (with T Simmons, D Buchwalter, J Rice, and D Shea, NCSU). \$9,950.

Exploring mercury transport mechanisms in aquatic systems: a statewide assessment of factors affecting methylmercury contamination of food webs and fish (with WG Cope and JA Rice, NCSU). Water Resources Research Institute. 2007-2008. \$50,000.

Reproductive ecology and life history of the Carolina madtom (with T Kwak, NCSU). State Wildlife Grant, NCWRC. 2007-2010. \$80,000.

Trophic interactions and Reservoir Food Web Dynamics (with JA Rice, NCSU). North Carolina Wildlife Resources Commission. 2006-2011. \$323,165.

Predator-prey dynamics and habitat mapping in Ohio reservoirs. Ohio Department of Natural Resources / Ohio Division of Wildlife (with CM May and EA Marschall, OSU). 2005-2007. \$162,518.

FY 2006: \$43,085

FY 2007: \$119,433

Determining stream origin and migration movements of walleye stocks in Lake Erie using otolith elemental analysis (with J Bigrigg, and RA Stein, OSU). Lake Erie Protection Fund. 2005. \$33,816.

Determining stream origin and migration movements of walleye stocks in Lake Erie using otolith elemental analysis (with J Bigrigg and RA Stein). Ohio Division of Wildlife 2004-2006. \$146,659.

FY 2005: \$86,060

FY 2006: \$60,599

Detecting life-history and migratory patterns of lake Erie walleye: implications for natural resource management. Ohio State University Seed Grant. 2004. \$15,000.

Distribution and abundance of fishes in native and invasive macrophytes in the Old Woman Creek freshwater estuary. Sea Grant (project R/ER-29-PD). 2003. \$7,448.

Quality management of bluegill: Factors affecting population size structure (with DH Wahl and DP Philipp, U Illinois / Illinois Natural History Survey). Illinois Department of Natural Resources.

2001-2005. [Continuation of project F-128-R, 1996-2005]

Total award: \$2,023,005. 2001-2005 (my co-authored portion): \$900,000.

Reproductive Ecology of bluegill *Lepomis macrochirus* in populations of different size structures and fish communities (with CM Kush, DH Wahl, and DP Philipp, UI). Environmental Research Council, Univ. of Illinois. 1999. \$1,776.

**Unfunded:**

Extending transfer opportunities for community college students in STEM disciplines (Co-PI, with principal investigator K. Esbenshade, C. Deluca, NCSU). *National Science Foundation*. \$1,600,000. 2009-2014.

Developing a statewide mercury TMDL plan using a space/time data integration framework (Co-PI, with principal investigator M Serre, and co-PIs W Vizuetta, G Characklis, and E Money, UNC Chapel Hill, and D Sackett, NCSU). Environmental Protection Agency. \$703,190.

**STUDENTS**

**Graduate Students (In progress):**

Bethany Galster, MS, Department of Biology, North Carolina State University. Research: White perch invasion dynamics.

Marybeth Brey. PhD, Department of Biology, North Carolina State University. Research: Food-web dynamics in large reservoirs.

Dana Sackett, PhD, Department of Biology, North Carolina State University. Research: Mercury transport and bioaccumulation in aquatic systems.

Zach Fiener. MS, Department of Biology, North Carolina State University. Research: White perch invasion dynamics

**Graduate Students (Completed):**

Jason Godbout (MS 2008) Department of Zoology, North Carolina State University.

Stephen Midway (M.S.2008) Biologist, Florida Fish and Wildlife Commission.

Cassandra May (MS 2008) Watershed Coordinator, White River, Indiana.

Jennell Bigrigg (MS 2006) Veterinary Medicine Student, Ohio State University.

Joseph Beuchal (MS 2006) Faculty, Triton College, IL.

**Undergraduate:**

Miranda Wood. Fish and Wildlife Summer Intern, Independent Study mentor 2008-2009

Danielle Spontak. Independent Study mentor, NCSU 2008-2009

Taurean Brown. AGEP program mentor, NCSU 2008-2009

Jeremy Remington. Independent Study mentor, NCSU 2008-2009

Shane Sills. Work Study mentor, NCSU 2007-2009

Chris Summerlin. Fish and Wildlife Summer Intern Program mentor, NCSU 2007

Victoria Ma. AFS Hutton Scholar mentor, NCSU 2007

Cindy Kush. Undergraduate thesis, distinction project, undergraduate special research grant. University of Illinois, 2000.

Dondrae Coble. Hugh's Fellow mentor, University of Illinois, 2000.

Justin Neviackas. Undergraduate thesis and distinction project mentor. Univ. of Il. 1998.

**AWARDS TO MY GRADUATE STUDENTS**

Jenkins Reservoir Scholarship Award, Marybeth Brey, 2009  
 NC AFS Travel Award, Steve Midway, 2008  
 NC AFS Travel Award, Jason Godbout, 2008  
 Skinner Award, Honorable Mention, Steve Midway, 2008  
 Best Student Presentation – Honorable Mention, Cassie May, 2008  
 Muelbach Grant to Joseph Beuchel, 2005.  
 Best Student Presentation to Cassandra May, 2007  
 Provost Fellowship to Dana Sackett, 2008

Graduate Committees:

Kwee Tew. 2003. PhD, Department of Evolution, Ecology, and Organismal Biology, OSU  
 Felix Martinez. 2003. PhD. Department of Evolution, Ecology, and Organismal Biology, OSU  
 Hongyan Zhang. 2005. PhD. Department of Evolution, Ecology, and Organismal Biology, OSU  
 Amy Kulesza. 2005. M.S. Department of Evolution, Ecology, and Organismal Biology, OSU  
 Felix Del Toro Silva. 2005 – 2008. PhD. Department of Zoology, North Carolina State University.  
 Jen Webber, Master of Zoology Degree, 2005-2006. North Carolina State University.  
 James Morley. 2007-2009. PhD. Department of Zoology, NCSU.  
 Josh Raabe. 2007-. PhD. Department of Zoology, NCSU.  
 Eric Money. 2007-2009. PhD. Department of Environmental Sciences and Engineering, UNC-CH.

**TEACHING**

2006-:

Limnology (400 and 500-level course, and lab)  
 Graduate Seminar: Stock collapse and marine fisheries  
 Fisheries Science (400 and 500-level course, and lab)

2002-2005:

*Undergraduate courses (designed and taught):*

Introductory Biology for non-majors  
 Introductory Biology laboratory for non-majors  
 Ecology  
 Introduction to Aquatic Biology (field course at OSU's Stone Lab on Lake Erie)

Honor's Seminar: Perspectives on global scientific and environmental crises in the  
 21<sup>st</sup> century.

Graduate Seminar: Maternal effects as adaptations

1998-2002:

Introductory biology for majors  
 Limnology  
 Conservation Biology  
 Introductory Biology for majors  
 Fisheries Ecology and Conservation (Guest lectures)

Teaching Awards, Certification:

Excellent Teacher List 1998, 2001  
 Outstanding Teacher 1998  
 Graduate Teaching Certificate 2001

**SERVICE**

Advisory/Review/Scientific Panels:

Lake Istokpoga MFL Panel. South Florida Water Management District. 2005  
Lake Norman Advisory Committee. 2005 –  
Kissimmee River and KCOL Restoration Advisory Panel. South Fl. WMD. 2009.  
Highlands Biological Station. Board of Directors 2008 -

Leadership:

Associate Editor, *Transactions of the American Fisheries Society* 2005 -  
Program Chair, 2010 Southern Division AFS meeting  
Southern Division Representative, Education Section, American Fisheries Society  
Chair, Physical Anthropology Search Committee, The Ohio State University  
Chair, Best Paper in *Transactions of the American Fisheries Society*, AFS committee  
President, University of Illinois Student Sub-Unit, American Fisheries Society  
Judge, Edward F. Hayes Graduate Research Forum, The Ohio State University  
Moderator, Trophic Ecology Symposium, American Fisheries Society Annual Meeting  
Steering committee for the development of an Environmental Studies major,  
Mansfield Campus, Ohio State University  
Judge, best student paper, American Fisheries Society Annual Meeting 2002, 2004, 2006.

Committees:

Undergraduate Program Assistant, NCSU  
Yates Millpond Facilities Committee, NCSU  
Curriculum Revision Committee, Fisheries and Wildlife Sciences, NCSU  
Graduate Studies Committee, NCSU  
Curriculum Committee, The Ohio State University  
Continuing Education Committee, American Fisheries Society  
J. Frances Allen Scholarship Committee, American Fisheries Society (AFS)  
Best Paper in *Transactions of the American Fisheries Society*, AFS