

# CURRICULUM VITAE

November 2006

## PERSONAL DATA

Name: David R. Edds  
Position: Professor  
Department of Biological Sciences  
Emporia State University  
Business Address: ESU Campus Box 4050  
Emporia, KS 66801-5087  
Office Telephone: 620-341-5622  
FAX: 620-341-5607  
E-mail: dedds@emporia.edu  
Home Page: [www.emporia.edu/biosci/eddsbiol.htm](http://www.emporia.edu/biosci/eddsbiol.htm)  
Languages: Native speaker of English, Fluent in Nepali

## EDUCATION

<u>Degree</u>	<u>Year</u>	<u>Institution &amp; location</u>	<u>Major field</u>
Ph.D.	1989	Oklahoma State University Stillwater, Oklahoma	Zoology (Fish ecology)
Doctoral dissertation title: Multivariate analysis of fish assemblage composition and environmental correlates in a Himalayan river - Nepal's Kali Gandaki/Narayani (Major advisor A.A. Echelle)			
M.S.	1984	Oklahoma State University Stillwater, Oklahoma	Zoology (Fish conservation genetics)
Master's thesis title: The genetic structure of endangered desert fishes: natural versus captive populations (Major advisor A.A. Echelle)			
B.S.	1977	University of Kansas Lawrence, Kansas (Advisor F.B. Cross)	Biology (Systematics & Ecology)
A.A.	1974	Indep. Comm. College Independence, Kansas	Liberal Arts

## TEACHING EXPERIENCE

- 1989-  
present      Assistant/Associate/ Professor, Biological Sciences  
Emporia State University, Emporia, Kansas  
Fisheries Management and Lab, Ichthyology and Lab, Aquatic Biology and  
Lab, Stream Ecology and Lab, Scientific Writing, Biology of Animals and  
Lab, Field Ecology, Marine Biology, Prairie Ecology-Aquatic, Tropical  
Field Ecology, Graduate Seminar, Seminar in Fish Ecology, General  
Biology lecture and Lab, Principles of Biology Lab, Honors Biology.
- 2004-  
present      Coordinator, Emporia State University, Department of Biological  
Sciences, Biology of Animals Laboratory
- 1989-95      Coordinator, Emporia State University, Division of Biological Sciences,  
General Biology and Principles of Biology laboratories
- 1984-85;  
1996      Guest Lecturer, Zoology  
Tribhuvan University, Kathmandu, Nepal  
Ichthyology, Aquatic Ecology
- 1983      Teaching Assistant  
Oklahoma State University, Stillwater, Oklahoma  
Principles of Biology Laboratory

## PEER-REVIEWED PUBLICATIONS

Gillette, D.P., J.S. Tiemann, D.R. Edds, and M.L. Wildhaber. 2006. Habitat use by a Midwestern U.S.A. riverine fish assemblage: effects of season, water temperature and river discharge. *Journal of Fish Biology* 68(5):1494-1512.

Gillette, D.P., J.S. Tiemann, D.R. Edds, and M.L. Wildhaber. 2005. Spatiotemporal patterns of fish assemblage structure in a river impounded by low-head dams. *Copeia* 2005(3): 539-549.

Tiemann, J.S., D.P. Gillette, M.L. Wildhaber, and D.R. Edds. 2005. Effects of lowhead dams on the ephemeropterans, plecopterans, and trichopterans group in a North American river. *Journal of Freshwater Ecology* 20(3): 519-525.

- Combes, M. and D. Edds. 2005. Mussel assemblages upstream from three Kansas reservoirs. *Journal of Freshwater Ecology* 20(1): 139-148.
- Haslouer, S.G., M.E. Eberle, D.R. Edds, K.B. Gido, C.S. Mammoliti, J.R. Triplett, J.T. Collins, D.A. Distler, D.G. Huggins, and W.J. Stark. 2005. Current status of native fish species in Kansas. *Transactions of the Kansas Academy of Science* 108(1-2): 32-46.
- Ng, H.H. and D.R. Edds. 2005. Two new species of *Pseudecheneis*, rheophilic catfishes (Teleostei: Sisoridae) from Nepal. *Zootaxa* 1047: 1-19.
- Ng, H.H. and D.R. Edds. 2005. Two new species of *Erethistoides* (Teleostei: Erethistidae) from Nepal. *Ichthyological Exploration of Freshwaters* 16(3): 239-248.
- Ng, H.H. and D.R. Edds. 2004. *Batasio macronotus*, a new species of bagrid catfish from Nepal (Teleostei: Siluriformes). *Ichthyological Exploration of Freshwaters* 15(4): 295-300.
- Tiemann, J.S., D.P. Gillette, M.L. Wildhaber, and D.R. Edds. 2004. Effects of lowhead dams on riffle-dwelling fishes and macroinvertebrates in a Midwestern river. *Transactions of the American Fisheries Society* 133(3): 705-717.
- Tiemann, J.S., D.P. Gillette, M.L. Wildhaber, and D.R. Edds. 2004. Correlations among densities of stream fishes in the upper Neosho River, with focus on the Neosho madtom. *Transactions of the Kansas Academy of Science* 107(1-2): 17-24.
- Sherraden-Chance, S.A. and D.R. Edds. 2004. Mussel assemblages in a developing oxbow and a newly-cut channel of the Neosho River, Kansas. *American Midland Naturalist* 152(2): 347-359.
- Edds, D.R., W.J. Matthews, and F.P. Gelwick. 2002. Resource use by large catfishes in a reservoir: is there evidence for interactive segregation and innate differences? *Journal of Fish Biology* 60(3): 739-750.
- Edds, D., D. Gillette, T. Maskey, and M. Mahato. 2002. Hot-soda process paper mill effluent effects on fishes and macroinvertebrates in the Narayani River, Nepal. *Journal of Freshwater Ecology* 17(4): 543-554.
- Dimmick, W.W. and D.R. Edds. 2002. Evolutionary genetics of the endemic schizothoracine (Cypriniformes: Cyprinidae) fishes of Lake Rara, Nepal. *Biochemical Systematics and Ecology* 30(10): 919-929.

Dean, J., D. Edds, D. Gillette, J. Howard, S. Sherraden, and J. Tiemann. 2002. Effects of lowhead dams on freshwater mussels in the Neosho River, Kansas. *Transactions of the Kansas Academy of Science* 105(3-4): 232-240.

Bulger, A.G., C.D. Wilkinson, D.R. Edds, and M.L. Wildhaber. 2002. Breeding behavior and reproductive life history of the Neosho madtom, *Noturus placidus* (Teleostei: Ictaluridae). *Transactions of the Kansas Academy of Science* 105(3-4): 106-124.

Bulger, A.G., M. Wildhaber, and D. Edds. 2002. Effects of photoperiod on behavior and courtship of the Neosho madtom (*Noturus placidus*). *Journal of Freshwater Ecology* 17(1):141-150.

Bulger, A.G. and D.R. Edds. 2001. Population structure and habitat use in Neosho madtom (*Noturus placidus*). *Southwestern Naturalist* 46(1): 8-15.

Wilkinson, C. and D. Edds. 2001. Spatial pattern and environmental correlates of a midwestern stream fish assemblage: including spatial autocorrelation as a factor in community analyses. *American Midland Naturalist* 146(2): 271-289.

Stein, J. and D. Edds. 2001. White perch and yellow bass range extensions into Kansas. *The Prairie Naturalist* 32(4):249-252.

Tseng, C.W., J. Stein, C.R. McFall, D. Edds, and S.S. Crupper. 2000. Molecular differentiation of white perch and yellow bass. *Transactions of the Kansas Academy of Science* 103(3-4): 168-172.

Jeffrey, J.D. and D.R. Edds. 1999. Spring movements and spawning habitat of sauger (*Stizostedion canadense*) in a small midwestern USA reservoir. *Journal of Freshwater Ecology* 14(3): 385-397.

Edds, D.R. 1998. Geographic distribution - Testudines: *Kachuga tecta* (Indian Roofed Turtle). *Herpetological Review* 29(2): 109.

Edds, D.R. 1998. Geographic distribution - Testudines: *Kachuga smithii smithii* (Brown Roofed Turtle). *Herpetological Review* 29(2): 109.

Edds, D.R. 1998. Geographic distribution - Testudines: *Kachuga tentoria flaviventer* (Yellowbelly Indian Tent Turtle). *Herpetological Review* 29(2): 109.

Jeffrey, J.D. and D.R. Edds. 1997. A Global Positioning System for aquatic surveys. *Fisheries* 22(12): 16-20.

Obermeyer, B.K., D.R. Edds, C.W. Prophet and E.J. Miller. 1997. Freshwater mussels (Bivalvia: Unionidae) in the Verdigris, Neosho, and Spring River basins of Kansas and Missouri, with emphasis on species of concern. *American Malacological Bulletin* 14(1): 41-55.

Obermeyer, B.K., D.R. Edds, E.J. Miller, and C.W. Prophet. 1997. Range reductions of southeast Kansas unionids. Pages 108-116 in K.S. Cummings, A. C. Buchanan, C.A. Mayer, and T.J. Naimo, eds. *Conservation and management of freshwater mussels II: initiatives for the future*. Proceedings of a UMRCC symposium, 16-18 October 1995, St. Louis, Missouri. Upper Mississippi River Conservation Committee, Rock Island, Illinois.

Fuselier, L. and D. Edds. 1996. Seasonal variation of riffle and pool fish assemblages in a short mitigated stream reach. *Southwestern Naturalist* 41: 299-306.

Wilkinson, C., D. Edds, J. Dorlac, M.L. Wildhaber, C.J. Schmidt, and A. Allert. 1996. Neosho madtom distribution and abundance in the Spring River. *Southwestern Naturalist* 41: 78-81.

Fuselier, L. and D. Edds. 1995. An artificial riffle as restored habitat for the threatened Neosho madtom. *North American Journal of Fisheries Management* 15: 499-503.

Shipman, P.A., D.R. Edds, and L.E. Shipman. 1995. Distribution of the alligator snapping turtle (*Macrolemys temminckii*) in Kansas. *Transactions of the Kansas Academy of Science*: 98: 83-91.

Fuselier, L. and D. Edds. 1994. Seasonal variation in habitat use by the Neosho madtom (Teleostei: Ictaluridae: *Noturus placidus*). *Southwestern Naturalist* 39: 217-223.

Shipman, P.A., D.R. Edds, and D. Blex. 1994. *Macrolemys temminckii* (Alligator Snapping Turtle) and *Chelydra serpentina* (Common Snapping Turtle) agonistic behavior. *Herpetological Review* 25: 24-25.

Fuselier, L. and D. Edds. 1994. Habitat partitioning among three sympatric species of map turtles, genus *Graptemys*. *Journal of Herpetology* 28: 154-158.

Pfingsten, D.G. and D.R. Edds. 1994. Reproductive traits of the Neosho madtom, *Noturus placidus* (Pisces: Ictaluridae). *Transactions of the Kansas Academy of Science* 97: 82-87.

Morrissey, J.R. and D.R. Edds. 1994. Metal pollution associated with a landfill: concentrations in water, sediment, crayfish, and fish. *Transactions of the Kansas Academy of Science* 97: 18-25.

- Fuselier, L. and D. Edds. 1993. Range extension for the southern redbelly dace (*Phoxinus erythrogaster*) in Kansas. *Transactions of the Kansas Academy of Science* 96: 227-228.
- Edds, D.R. 1993. Fish assemblage structure and environmental correlates in Nepal's Gandaki River. *Copeia* 1993: 48-60.
- Mahato, M. and D. Edds. 1993. Altitudinal distribution of odonate larvae in Nepal's Gandaki River. *Odonatologica* 22: 213-221.
- Edds, D.R., P.A. Shipman and L.E. Shipman. 1991. Geographic distribution: *Graptemys pseudogeographica ouachitensis*. *Herpetological Review* 22: 134.
- Edds, D.R. and A.A. Echelle. 1989. Genetic comparisons of hatchery and natural stocks of small endangered fishes: Leon Springs pupfish, Comanche Springs pupfish, and Pecos gambusia. *Transactions of the American Fisheries Society* 118: 441-446.
- Echelle, A.F., A.A. Echelle, and D.R. Edds. 1989. Conservation genetics of a spring-dwelling desert fish, the Pecos gambusia (*Gambusia nobilis*, Poeciliidae). *Conservation Biology* 3: 159-169.
- Matthews, W.J., L.G. Hill, D.R. Edds, and F.G. Gelwick. 1989. Influence of water quality and season on habitat use by striped bass in a large southwestern reservoir. *Transactions of the American Fisheries Society* 118: 243-250.
- Matthews, W.J., L.G. Hill, D.R. Edds, J.J. Hoover, and T.G. Heger. 1988. Trophic ecology of striped bass, *Morone saxatilis*, in a freshwater reservoir (Lake Texoma, USA). *Journal of Fish Biology* 33: 273-288.
- Echelle, A.A., A.F. Echelle, and D.R. Edds. 1987. Population structure of four pupfish species (Cyprinodontidae: *Cyprinodon*) from the Chihuahuan desert region of New Mexico and Texas: allozymic variation. *Copeia* 1987: 668-681.
- Edds, D.R. 1987. Foods of some Nepalese fishes. *Journal of the Nepal Natural History Museum* 11: 1-14.
- Edds, D.R. 1986. Fishes of the Kali Gandaki/Narayani River, Nepal. *Journal of the Nepal Natural History Museum* 10: 13-22.

Edds, D.R. 1986. The fishes of Royal Chitawan National Park. *Journal of the Nepal Natural History Museum* 10: 1-12.

Edds, D.R. 1985. New records of fish species for Nepal. *Journal of the Nepal Natural History Museum* 9: 41-46.

Wagner, B.W., D.R. Edds and J. Pigg. 1983. Grass carp in Oklahoma streams. *Proceedings of the Oklahoma Academy of Science* 63: 106.

## GRANTS

- 2003      Emporia State University, Faculty Research and Creativity Committee  
"Biodiversity of fishes in Nepal" \$4,020
- 2003      Emporia State University, William Allen White Library  
"Indochinese nemacheilines" Audrey S. Major Fund Award, \$55
- 2001      Kansas Department of Wildlife and Parks  
"Assessment of freshwater mussels in a side channel of the Neosho River, KS"  
\$15,456 (with Ed Miller, Brian Obermeyer, and Stephanie Sherraden)
- 2001      Emporia State University, Faculty Research and Creativity Committee  
"Effects of dams on fishes and invertebrates in the Neosho River" \$7,764
- 2000      National Biological Service  
"Effects of low-head dams on the Neosho madtom" \$20,440 (with Mark Wildhaber)
- 2000      Kansas Department of Wildlife and Parks  
"Mussel assemblages upstream from three Kansas reservoirs" \$1,500  
(with Matt Combes and Brian Obermeyer)
- 1999      ESU Faculty Research and Creativity grant  
"Ecology of non-native fishes in Browning Lake" \$12,548
- 1998      Kansas Department of Wildlife and Parks  
"Development of a process to identify *Morone* species in Browning Oxbow,  
Doniphan Co., KS, using a molecular and biochemical approach" \$2,500  
(with S. Crupper)

- 1998 ESU Faculty Research and Creativity grant  
"Evolution of fishes from the Himalaya Mountains" \$8,450
- 1997 National Science Foundation/EPSCoR  
"A collaborative facility for macroevolutionary studies of DNA sequences"  
\$75,000 (co-PI, with W. Dimmick and E. Wiley, University of Kansas, and  
S. Kambhampati, Kansas State University)
- 1996 Fulbright Grant "Diversity of Nepal's native fishery resources" \$23,500
- 1996 National Geographic Committee for Research and Exploration "Aquatic  
biodiversity and ecology in the Nepal Himalaya" \$21,680
- 1996 Kansas Department of Wildlife and Parks  
"Breeding biology, growth and seasonal habitat use of the Neosho madtom"  
\$20,000 (with Chris Wilkinson)
- 1996 U.S. Geological Survey, Biological Resources Division and U.S. Army Corps of  
Engineers "Neosho madtom reproductive biology" \$21,300
- 1995 Kansas Department of Wildlife and Parks  
"Biology of the Neosho madtom" \$15,000
- 1995 Kansas Department of Wildlife and Parks from U.S. Fish and Wildlife Service  
"Biological survey of the Spring River Basin in Missouri, Kansas and Oklahoma,  
with emphasis on the Neosho madtom" \$20,000
- 1995 ESU Faculty Research and Creativity grant  
"Fish diversity in the Spring River" \$7,716
- 1995 Kansas Department of Wildlife and Parks  
"Freshwater mussel distribution in southeast Kansas rivers" \$10,000  
(grant renewal; with Carl Prophet)
- 1994 Kansas Department of Wildlife and Parks  
"Freshwater mussel distribution in southeast Kansas rivers" \$20,000  
(with Carl Prophet)
- 1994 ESU Faculty Research and Creativity grant  
"Conservation status of 3 freshwater mussel species in southeast KS" \$4,007

- 1994 Kansas Department of Wildlife and Parks  
"Biological survey of the Spring River Basin in Missouri, Kansas and Oklahoma, with emphasis on the Neosho madtom" \$23,000
- 1993 Kansas Department of Wildlife and Parks  
"Biology of the Neosho madtom" \$15,000
- 1993 Kansas Department of Wildlife and Parks  
"Spring distribution of sauger as determined by ultrasonic telemetry in Melvern Reservoir, Kansas" \$3,000
- 1993 ESU Faculty Research and Creativity grant  
"Distribution of sauger in Melvern Reservoir" \$5,427
- 1992 Kansas Department of Wildlife and Parks  
"Biological survey of the Spring River Basin in Missouri, Kansas and Oklahoma, with emphasis on the Neosho madtom" \$25,000
- 1992 Kansas Department of Wildlife and Parks  
"Neosho madtom movements and seasonal habitat use" \$13,750
- 1992 Kansas Department of Wildlife and Parks  
"Aerial photo characterization of Neosho River riffles" \$2,500
- 1992 ESU Faculty Research and Creativity grant  
"Mitigation of habitat loss for threatened Neosho madtoms" \$5,654
- 1991 Kansas Department of Wildlife and Parks  
"Neosho madtom colonization of artificial riffle habitat" \$8,406
- 1991 Kansas Department of Wildlife and Parks  
"Behavior and ecology of the alligator snapping turtle in southeast Kansas" \$1,990
- 1991 Kansas Department of Wildlife and Parks  
"Population status and incidence of anatomical abnormalities in riverine reptiles of the Walnut and lower Arkansas river basins" \$15,300
- 1991 ESU Faculty Research and Creativity grant  
"Ecology and behavior of the alligator snapping turtle in Kansas" \$6,680

- 1990 Kansas Department of Wildlife and Parks  
"Conservation status of the map turtle in Kansas" \$8,647
- 1990 ESU Faculty Research and Creativity grant  
"Conservation status of the map turtle in Kansas" \$6,256
- 1984-86 Wildlife Conservation International  
"Ecology of fishes of Nepal" \$6,000
- 1984-86 Oklahoma State University Graduate College, College of Arts & Sciences,  
Dept. of Zoology, and Office of International Programs equipment grant  
"Ecology of fishes of Nepal" \$10,500
- 1984-85 Fulbright Grant  
"Ecology of fishes of Nepal" \$11,400

#### MASTER'S THESES SUPERVISED AT ESU

Tollefson, J. 2004. Spatial variation and environmental correlates of turtle assemblage structure in a Great Plains river ecosystem.

Combes, M. 2003. Mussel assemblages upstream from three Kansas reservoirs.

Gillette, D. 2002. Spatio-temporal patterns of fish assemblage structure and habitat use on gravel bars in the Neosho River, Lyon County, Kansas.

Sherraden, S. 2002. Mussel assemblages in a developing oxbow and a newly-cut channel of the Neosho River, Kansas.

Tiemann, J. 2002. Effects of low-head dams on fish and benthic invertebrate assemblage structure in the Neosho River, with comments on the threatened Neosho madtom, *Noturus placidus*.

Stein, J. 2001. Biology of nonindigenous white perch and yellow bass in an oxbow of the Missouri River.

Bulger, A. 1999. Population structure, habitat use and breeding behavior of the Neosho madtom (*Noturus placidus*).

Hesting, V. 1997. Environmental correlates of cove fish assemblage structure in Melvern Lake, Kansas.

Wilkinson, C. 1997. Spatial pattern of fish assemblage structure and environmental correlates in the Spring River basin, with emphasis on the Neosho madtom (*Noturus placidus*).

Obermeyer, B. 1996. Unionidae (Bivalvia) of the Arkansas River system of SE Kansas and SW Missouri: species of concern, historical change, commercial harvest, and sampling methods. (co-major advisor Carl Prophet)

Jeffrey, J. 1995. Spring movements, regional fidelity, and spawning of sauger (*Stizostedion canadense*) in Melvern Reservoir, Kansas, and the Global Positioning System for aquatic surveys.

Fuselier, L. 1993. Habitat restoration and seasonal habitat use by Neosho madtoms (*Noturus placidus*), and spatio-temporal variation of fish assemblages in the Cottonwood River, Kansas.

Shipman, Paul. 1993. Alligator snapping turtle (*Macrolemys temminckii*) habitat selection, movements, and natural history in southeast Kansas.

Morrissey, J. 1991. Heavy metals in an intermittent stream below a landfill: concentrations in water, sediment, crayfish and fish.

#### SELECTED UNDERGRADUATE RESEARCH PROJECTS SUPERVISED AT ESU

2006 Gross, J. Monitoring fires in forested areas of Kansas national wildlife refuges.

2005 Peters, J. The spring of Big Springs.

Cline, A. Proposal to de-list the Arkansas darter from threatened status in Kansas.

2003 Freeman, L. Growth of wipers in six Kansas reservoirs.

2002 Westgate, M. Aquaculture of predatory fishes.

2001 Campbell, J. Fisheries management in south-central Kansas.

Harkins, B. Riffle insects in the Neosho River.

- 2000 Hopkins, B. Fish assemblages upstream from three Kansas reservoirs. NSF Research Experiences for Undergraduates program.  
Theel, B. Freshwater mussel host availability upstream from three Kansas reservoirs. NSF Research Experiences for Undergraduates program.
- 1998 Stuerke, A. Fishery statistics of Browning Lake.
- 1997 Stamps, D. Predator-prey relationships of fishes in West KDOT Lake, Wichita .  
Tajchman, D. Comparison of fish populations in the Neosho and Cottonwood rivers.
- 1995 Burgoon, D. Breeding biology of the Neosho madtom.  
Combes, M. Fish species diversity in tributaries of the Spring River.  
Haney, J. Riverine fish population estimation.  
Schmidt, J. Computer analysis of fish age and growth.  
Swan, J. Estimating fish population densities in the Cottonwood River.
- 1994 Criqui, J. Fish diversity in the Spring River.  
Hase, C. Fish population estimation in the Cottonwood River.  
Melson, D. Removal-depletion estimation of river fish population size.  
Minear, M. Electrofishing assessment of Cottonwood River fish populations.  
Obermeyer, B. Conservation status of freshwater mussels in southeast Kansas.  
Schrader, S. Reproductive habits of the Neosho madtom.  
Sumner, J. Diel variation in reef fish assemblages in San Salvador, Bahamas.
- 1993 Anderson, D. Removal-depletion estimation of fish population size.  
Grimm, K. Coral selection by stoplight parrotfish in San Salvador, Bahamas.  
Johnson, C. Comparison of age and growth of green sunfish in two farm ponds.  
Riedle, D. Distribution of the timber rattlesnake in southeast Kansas.  
Sexton, N. The effects of small-scale stream improvement on local fish diversity.
- 1992 Griffiths, C. Creel census of Centralia Lake.  
McLeod, D. Recovery from injury in red-eared slider.  
Pfungsten, D. Breeding biology of the Neosho madtom.
- 1991 Dunham, J. Distribution and abundance of the Arkansas darter in Crooked Creek.  
Ferman, C. Habitat suitability indices for two cavity nesting birds in eastern KS.  
Lindskog, T. Development of a fish management plan for a farm pond.  
Shipman, L. Abiotic correlates of fish assemblage structure in the Arkansas River.

## INVITED SEMINARS

2004 Fishes in Nepal: field biology in the Himalayas. Haskell Indian Nations University, Lawrence, KS.

2000 Himalayan fish assemblages: a decade of change. Department of Zoology, Oklahoma State University, Stillwater.

2000 Himalayan fish assemblages: a decade of change. Department of Biological Sciences, Emporia State University

1998 Edds, D., J. Collins, and D. Distler. Issues in Kansas' aquatic biodiversity. Kansas Water Resources: Past, Present and Future. Symposium, Kansas Academy of Science, Wichita.

1998 Shangri-la revisited: fish assemblage structure in the Nepal Himalaya. Department of Zoology, University of Oklahoma, Norman.

1998 Fishes of Nepal. Fish Division, Museum of Natural History, University of Kansas, Lawrence.

1997 Fisheries in the Nepal Himalayas. Division of Biological Sciences, Kansas State University, Manhattan.

1997 Life in Himalayan waters. Division of Biological Sciences, Emporia State University.

1997 Yaks, yetis and yo-yo loaches: travels in the Nepal Himalaya. Graduate Studies and Research Discussion, Emporia State University.

1996 Fishes in Nepal. Tribhuvan University Center for Education and Technical Assistance, Kathmandu, Nepal.

1995 Fish ecology in the Nepal Himalaya. 24th annual Conference on South Asia. University of Wisconsin, Madison.

1995 Himalayan fish ecology. Department of Systematics and Ecology, University of Kansas, Lawrence.

1995 Life in rivers and streams of southeast Kansas. Graduate Studies and Research Discussion, Emporia State University.

1994 Fish ecology in the Spring River of Missouri, Kansas and Oklahoma. Department of Biology, Southwest Missouri State University, Springfield.

1994 Aquatic communities in southeast Kansas. Division of Biological Sciences, Emporia State University.

1994 Neosho madtom, threatened Kansas fish. Phi Kappa Phi luncheon, Emporia State University.

1993 Himalayan fish ecology: an expedition to Nepal's Gandaki River. Auburn University, Auburn, Alabama.

1993 Aquatic communities in southeast Kansas. Water and the Future of Kansas Conference, Kansas State University, Manhattan.

1992 Aquatic wildlife of Kansas. Kanza Audubon Society.

1992 Aquatic turtle community ecology in southeast Kansas. Emporia State University Research Forum.

1990 Investigation of aquatic turtle communities in Kansas. Workshop on the environmental health of Kansas' fish and wildlife. Pittsburg State University, Pittsburg, Kansas.

#### PRESENTATIONS AND POSTERS AT PROFESSIONAL MEETINGS

2005 Haslouer, S., M. Eberle, D. Edds, K. Gido, C. Mammoliti, J. Triplett, J. Collins, D. Distler, D. Huggins, W. Stark, and L. Knight. Current status of native fish species in Kansas. Kansas Chapter of the American Fisheries Society, Lawrence. (poster)

2004 Gillette, D., J. Tiemann, D. Edds, and M. Wildhaber. Spatiotemporal patterns of fish assemblage structure in the Neosho River, Lyon County, Kansas. Kansas Chapter of the American Fisheries Society, Emporia. (poster)

2004 Sherraden, S. and D. Edds. Mussel assemblages in a developing oxbow and a newly-cut channel of the Neosho River, Kansas. KS Chapter of the American Fisheries Society, Emporia. (poster)

2004 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblages in the Neosho River, Kansas, with emphasis on the Neosho madtom. Kansas Chapter of the American Fisheries Society, Emporia. (poster)

2004 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblages in the Neosho River, Kansas, with emphasis on the Neosho madtom, *Noturus placidus*, a federally-listed threatened species. 134th annual meeting of the American Fisheries Society, Madison, Wisconsin. (poster)

2004 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on abundance of the Neosho madtom, *Noturus placidus*. 84th annual meeting of the American Society of Ichthyologists and Herpetologists, Norman, Oklahoma. (poster)

2004 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Correlations among densities of stream fishes in the upper Neosho River, Kansas, with focus on the threatened Neosho madtom (*Noturus placidus*). Illinois Chapter of the American Fisheries Society, Champaign.

2004 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Timber! Dam... things we do to our streams. American Fisheries Society Rivers and Streams Technical Committee, Milan, Illinois.

2003 Combes, M. and D. Edds. Mussel assemblages upstream from three Kansas reservoirs. Midwest Fish and Wildlife Conference, Kansas City, MO.

2003 Gillette, D., J. Tiemann, D. Edds, and M. Wildhaber. Spatiotemporal patterns of fish assemblage structure in a river impounded by lowhead dams: temporal variation and the Serial Discontinuity Concept. Southwestern Association of Naturalists, Norman, OK.

2003 Sherraden, S. and D. Edds. Mussel assemblages in a developing oxbow and a newly-cut channel of the Neosho River, Kansas. Southwestern Association of Naturalists, Norman, OK. (poster)

2003 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblages in the Neosho River, Kansas, with emphasis on the Neosho madtom, *Noturus placidus*, a federally-listed threatened species. Southwestern Association of Naturalists, Norman, OK. (poster)

2003 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblage structure in the Neosho River, Kansas. Illinois Chapter of the American Fisheries Society, Rend Lake, IL.

2003 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on benthic invertebrate assemblages in the Neosho River. 3<sup>rd</sup> Biennial Symposium, Freshwater Mollusk Conservation Society, Durham, NC.

2002 Edds, D. Fishes in Nepal. American Society of Ichthyologists and Herpetologists, Kansas City, MO.

2002 Sherraden, S. and D. Edds. Mussel assemblages in an old and new channel of the Neosho River. Great Plains Limnology Conference, University of Oklahoma Biological Station. (poster)

2002 Gillette, D., J. Tiemann, D. Edds, and M. Wildhaber. Spatiotemporal patterns of fish assemblage structure in the Neosho River, Lyon County, Kansas. Great Plains Limnology Conference, Univ. Oklahoma Biological Station. (poster)

2002 Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblages in the Neosho River, with emphasis on the Neosho madtom, *Noturus placidus*, a federally-listed threatened species. Great Plains Limnology Conference, Univ. Oklahoma Biological Station. (poster)

2002 Wildhaber, M.L., A.L. Allert, D. Mulhern, V.M. Tabor, C.J. Schmitt, D. Edds, A. Bulger, J.L. Albers, J.S. Tiemann, D.P. Gillette, C. Wilkinson, D. Chapman, E. Callahan, J.E. Whitaker, P.J. Lamberson, and K.L. Powell. Multiple factors limit populations of the federally-listed threatened Neosho madtom (*Noturus placidus*). U.S. Geological Survey, National Program Review, Contaminants Program, Stevenson, WA. (poster)

2001 Edds, D. Dam removal. Kansas Pearly Mussel Workshop, Emporia.

2001 Edds, D. Nepal. International Education Week, ESU. (poster)

2001 Gillette, D., J. Tiemann, D. Edds, and M. Wildhaber. Longitudinal and temporal patterns of fish assemblage distribution on gravel bars of the Neosho River, Lyon County, Kansas. Great Plains Limnology Conference, Iowa Lakeside Laboratory.

2001 Tiemann, J. D. Gillette, D. Edds, and M. Wildhaber. Effects of lowhead dams on aquatic community structure in the Neosho River. Great Plains Limnology Conference, Iowa Lakeside Laboratory.

2000 Edds, D. Stream studies in Kansas. Natural Areas Conference, St. Louis, MO.

2000 Bulger, A., C. Wilkinson, D. Edds, and M. Wildhaber. Reproductive biology and behavior of the Neosho madtom. Natural Areas Conference, St. Louis, MO. (poster)

2000 Edds, D. Aquatic turtle assemblages in southeast Kansas. Kansas mussel workshop, Independence.

2000 Theel, B. K. Hopkins, M. Combes, and D. Edds. Potential glochidial hosts upstream from three Kansas reservoirs. Kansas mussel workshop, Independence.

2000 Bulger, A., C. Wilkinson, D. Edds, and M. Wildhaber. Reproductive biology and behavior of the Neosho madtom. Kansas Chapter of the American Fisheries Society, Manhattan, KS. (poster)

2000 Bulger, A., C. Wilkinson, D. Edds, and M. Wildhaber. Reproductive biology and behavior of the Neosho madtom. Southwestern Association of Naturalists, Denton, TX. (poster)

2000 Bulger, A., C. Wilkinson, D. Edds, and M. Wildhaber. Reproductive biology and behavior of the Neosho madtom. ESU Research and Creativity forum. (poster)

1999 Bulger, A., C. Wilkinson, D. Edds, and M. Wildhaber. Reproductive biology and behavior of the Neosho madtom. Great Plains Limnology Meeting, Columbia, MO. (poster)

1999 Bulger, A. and D. Edds. Breeding biology and habitat use of the Neosho madtom. Kansas Chapter of the American Fisheries Society, Emporia.

1999 Bulger, A. and D. Edds. Habitat use of the threatened Neosho madtom. Southwestern Association of Naturalists, Monterrey, MX.

1999 Stein, J. and D. Edds. Trophic interactions between nonindigenous white perch and yellow bass in Kansas. Southwestern Association of Naturalists, Monterrey, Mexico.

1999 Combes, M. and D. Edds. Effects of reservoirs on upstream mussel assemblages in eastern Kansas. Great Plains Limnology Meeting, Columbia, MO.

1999 Stein, J. and D. Edds. Seasonal feeding and diet overlap of white perch and yellow bass in Browning Oxbow. Kansas Chapter of the American Fisheries Society, Emporia.

1998 Edds, D. Shattered Shangri-la: fish assemblage degradation in the Nepal Himalaya. Great Plains Limnology Conference, Pittsburg, KS.

1998 Bulger, A., M. Wildhaber, and D. Edds. Studies of Neosho madtom breeding biology. Great Plains Limnology Conference, Pittsburg, KS.

1998 Stein, J. and D. Edds. White perch and yellow bass in an oxbow of the Missouri River. Great Plains Limnology Conference, Pittsburg, KS.

1998 Wildhaber, M.L., A.L. Allert, D. Mulhern, V.M. Tabor, C.J. Schmitt, D. Edds, A. Bulger, C. Wilkinson, D. Chapman, E. Callahan, J.E. Whitaker, P.J. Lamberson, and K.L. Powell. A multifaceted approach to determining the factors limiting populations of a federally-listed threatened fish species: the Neosho madtom (*Noturus placidus*). Fisheries and Aquatic Resources National Program Review, U.S. Geological Survey Biological Resources Division, Madison, WI. (poster)

1998 Bulger, A., M. Wildhaber, and D. Edds. Effects of photoperiod on activity of the Neosho madtom. Southwestern Association of Naturalists, Albuquerque, NM.

1998 Bulger, A., M. Wildhaber, and D. Edds. Effects of photoperiod on activity of the Neosho madtom, *Noturus placidus*. Kansas Academy of Science, Wichita.

1997 Edds, D. Turtles in Nepal. Kansas Herpetological Society, Wichita.

1997 Wilkinson, C. and D. Edds. Spatial pattern in a midwestern stream fish assemblage. American Fisheries Society, Monterrey, CA.

1997 Edds, D. Fishes in Nepal. Kansas Academy of Science, Hays.

- 1997 Wilkinson, C. and D. Edds. Spatial pattern in the Spring River fish assemblage. Kansas Academy of Science, Hays.
- 1997 Bulger, A., C. Wilkinson, and D. Edds. Spawning of the threatened Neosho madtom. Kansas Academy of Science, Hays.
- 1997 Wilkinson, C., A. Bulger, and D. Edds. Aspects of Neosho madtom reproductive behavior and life history. Kansas Chapter of the American Fisheries Society, Wichita.
- 1996 Obermeyer, B.K., D.R. Edds, and C.W. Prophet. Comparison of sampling methods for assessing freshwater mussel beds in the Neosho River, Kansas. Kansas Academy of Science, Emporia.
- 1996 Wilkinson, C. and D. Edds. Reproductive behavior and life history of the Neosho madtom. Great Plains Limnology Conference, Lawrence, KS. (poster)
- 1996 Wilkinson, C. and D. Edds. Persistence in the Spring River Basin fish community. Kansas Academy of Science, Emporia.
- 1995 Obermeyer, B., D. Edds, C. Prophet, and E. Miller. Range reductions of Kansas unionid mussels. Upper Mississippi River Conservation Committee symposium, St. Louis, MO.
- 1995 Obermeyer, B., D. Edds, C. Prophet, and E. Miller. Comparison of the effectiveness of qualitative versus quantitative sampling methods for unionids. Upper Mississippi River Conservation Committee symposium, St. Louis, MO. (poster)
- 1995 Wilkinson, C. and D. Edds. Status of the Neosho madtom in the Spring River of southwest Missouri and southeast Kansas. Southwestern Association of Naturalists, Shreveport, LA.
- 1995 Obermeyer, B. and D. Edds. Range reduction of unionid mussel species in Kansas. Southwestern Association of Naturalists, Shreveport, LA.
- 1994 Dorlac, J. and D. Edds. Longitudinal zonation and assemblage structure of the fishes of the Spring River -- Missouri, Kansas, and Oklahoma. Southwestern Association of Naturalists, Emporia.

1994 Jeffrey, J. and D. Edds. Use of biotelemetry, GPS and GIS to assess distribution of sauger in Melvern Reservoir, Kansas. Southwestern Association of Naturalists, Emporia.

1994 Dorlac, J. and D. Edds. Longitudinal zonation and assemblage structure of fishes of the Spring River. Kansas Academy of Science, Topeka.

1994 Jeffrey, J. and D. Edds. Use of biotelemetry, GPS and GIS to assess distribution of sauger in Melvern Reservoir, Kansas. Kansas Chapter of the American Fisheries Society, Lawrence.

1994 Edds, D. Genetic comparison of hatchery and natural stocks of small endangered fishes. Kansas Chapter of the American Fisheries Society, Lawrence.

1993 Jeffrey, J., D. Edds, D. Gabelhouse, and J. Stephen. Use of biotelemetry, GPS, and GIS to establish distribution of sauger in a Kansas reservoir. Midwest Fish & Wildlife Conference, St. Louis, MO.

1993 Fuselier, L. and D. Edds. Seasonal variation of pool and riffle fish assemblages in the Cottonwood River, Kansas. Great Plains Limnology Conference, Lake Weddington, AR.

1993 Dorlac, J. and D. Edds. Historical analysis of the fishes of the Spring River - Missouri, Kansas, and Oklahoma. Great Plains Limnology Conference, Lake Weddington, AR.

1993 Jeffrey, J. and D. Edds. Use of GPS to establish location of sauger in a Kansas reservoir. Great Plains Limnology Conference.

1992 Fuselier, L. and D. Edds. Mitigation of habitat loss for a threatened madtom. Great Plains Limnology Conference. Lake of the Ozarks, MO. (poster)

1992 Edds, D. Environmental correlates of aquatic turtle assemblage structure in southeast Kansas. Society for the Study of Amphibians and Reptiles, El Paso, TX.

1992 Shipman, P. and D. Edds. Alligator snapping turtle movements and habitat use in southeast Kansas. Society for the Study of Amphibians and Reptiles, El Paso, TX.

1992 Fuselier, L. and D. Edds. Mitigation of habitat loss for a threatened madtom. American Fisheries Society, Rapid City, SD. (poster)

1992 Edds, D. Aquatic turtle communities in southeast Kansas. Southwestern Association of Naturalists, Junction, TX.

1992 Edds, D. Habitat use by map turtles in Kansas. Southwestern Association of Naturalists, Junction, TX.

1992 Edds, D. Arkansas River turtle community ecology. Kansas Academy of Science, Hutchinson.

1992 Shipman, P. and D. Edds. Ecology of the alligator snapping turtle. Kansas Academy of Science, Hutchinson.

1992 Fuselier, L. and D. Edds. Niche comparisons of map turtles in Kansas. Kansas Academy of Science, Hutchinson.

1992 Shipman, L. and D. Edds. Multivariate analysis of fish assemblage structure in the lower Arkansas and Walnut rivers. KS Academy of Science, Hutchinson.

1992 Dunham, J. and D. Edds. Distribution and abundance of the Arkansas darter in Crooked Creek, southwest Kansas. Kansas Academy of Science, Hutchinson.

1992 Edds, D. Aquatic turtle ecology in Kansas. Kansas Herpetological Society, Newton.

1992 Edds, D. Rattlesnake roundup highlights and lowlights. Kansas Herpetological Society, Newton.

1992 Shipman, P. and D. Edds. Alligator snapping turtle movements and habitat use in Onion Creek. Kansas Herpetological Society, Newton.

1992 Fuselier, L. and D. Edds. Habitat use by map turtles in Kansas. Kansas Herpetological Society, Newton.

1991 Edds, D. Ecology of aquatic turtles in southeast Kansas. Kansas Herpetological Society, Pratt.

1991 Edds, D. Environmental correlates of aquatic turtle community structure in southeast Kansas. *Great Plains Limnology Meeting, Omaha, NE.*

1991 Shipman, P. and D. Edds. Aquatic turtle communities in Kansas. *Southwestern Association of Naturalists, El Paso, TX.*

1991 Edds, D. Aquatic turtle communities in Kansas. *Kansas Academy of Science, Lindsborg.*

1990 Edds, D. Rediscovery of the common map turtle in Kansas. *Kansas Herpetological Society, Lawrence.*

1990 Edds, D. Aquatic turtle communities in southeast Kansas. *Great Plains Limnology Conference, Stillwater, OK.*

1990 Edds, D. Multivariate analysis of fish assemblage composition and environmental correlates in a Himalayan river. *American Society of Ichthyologists and Herpetologists, Charleston, SC.*

1990 Edds, D. Ecological correlates of fish community structure in a Himalayan river. *Kansas Academy of Science, Manhattan.*

1990 Edds, D. Gradient analysis of environmental effects on fish assemblage structure in a saline stream. *Southwestern Association of Naturalists, Denton, TX.*

1989 Edds, D. Physicochemical factors influencing fish assemblage structure in a Himalayan river. *Great Plains Limnology Conference, Pittsburg, KS.*

1989 Edds, D. Longitudinal succession of fishes in a Himalayan river. *Southwestern Association of Naturalists, Jonesboro, AR.*

1988 Edds, D. Conservation genetics of three endangered desert fishes: natural versus captive populations. *American Society of Ichthyologists and Herpetologists, Ann Arbor, MI.*

1988 Edds, D. Conservation genetics of three endangered desert fishes. *Southwestern Association of Naturalists, San Angelo, TX.*

1988 Edds, D. Resources of the Oklahoma State University Department of Zoology Collection of Vertebrates. *Oklahoma Academy of Science, Chickasha.*

1987 Edds, D. The riverine ichthyofauna of central Nepal. American Society of Ichthyologists and Herpetologists, Albany, NY.

1987 Edds, D. Conservation genetics of endangered desert fishes. Oklahoma Academy of Science, Alva.

1986 Edds, D. A survey of Nepal's ichthyofauna. Oklahoma Academy of Science, Tahlequah.

1983 Edds, D. Fish community structure in a stream polluted by oilfield brine. Southwestern Association of Naturalists, Little Rock, AR.

1983 Edds, D. Blue and channel catfish food habits and habitat use in Lake Texoma. Oklahoma Academy of Science, Chickasha.

1982 Edds, D. Comparative ecology of blue and channel catfish in Lake Texoma, Oklahoma-Texas. Southwestern Association of Naturalists, Corpus Christi, TX.

#### BOOKS/REPORTS/NON-PEER-REVIEWED ARTICLES

2001 Sherraden, S., B. Obermeyer, and D. Edds. Mussel assemblages in an old and new channel of the Neosho River. Final report to Kansas Department of Wildlife and Parks, 124 pp.

2001 Tiemann, J., D. Gillette, D. Edds, and M. Wildhaber. Effects of low-water dams on the Neosho madtom, *Noturus placidus*, a state and federally-listed threatened species. Final report to U.S. Fish and Wildlife Service, 100 pp.

2001 Combes, M., B. Obermeyer, and D. Edds. Characteristics of mussel populations upstream from three federal reservoirs in Kansas: Melvern, Fall River, and Elk City. Final report to Kansas Department of Wildlife and Parks, 124 pp.

1999 Sievert, L., D. Edds, D. Moore, M. Sundberg, and R. Sobieski. Principles of Biology: Laboratory Investigations. Division of Biological Sciences, Emporia State University.

1998 Bulger, A., M. Wildhaber, and D. Edds. Assessment of the population viability and reproductive biology and behavior of the Neosho madtom, *Noturus placidus* -- a state and federally listed threatened species. Report to U.S. Army Corps of Engineers, Tulsa District, 65 pp.

1997 Wilkinson, C. and D. Edds. Breeding biology of the Neosho madtom, with assessment of population status and habitat use in the Cottonwood and Neosho rivers of Lyon and Chase counties, Kansas. Final report to Kansas Department of Wildlife and Parks, 63 pp.

1996 Obermeyer, B.K., D.R. Edds and C.W. Prophet. Distribution and abundance of federal candidate mussel species (Mollusca: Unionidae) in southeast Kansas. Final report to Kansas Department of Wildlife and Parks, 8 pp. + appendix.

1996 Edds, D. and C. Wilkinson. Population status, breeding biology, age structure and habitat use of the Neosho madtom within the Cottonwood and Neosho rivers of Lyon and Chase counties, Kansas. Final report to Kansas Department of Wildlife and Parks, 37 pp.

1996 Wilkinson, C. and D. Edds. Biological survey of the Spring River Basin in Missouri, Kansas and Oklahoma, with emphasis on the Neosho madtom. Final report to Kansas Department of Wildlife and Parks, 41 pp.

1995 Edds, D. Biological assessment of the Neosho madtom in the Cottonwood and Neosho rivers, Chase and Lyon counties, Kansas. Final report to Kansas Department of Wildlife and Parks, 37 pp.

1995 Edds, D.R. and J.H. Dorlac. Survey of the fishes of the Spring River Basin in Missouri, Kansas and Oklahoma, with emphasis on the Neosho madtom. Final report to Kansas Department of Wildlife and Parks, 43 pp.

1995 Obermeyer, B.K., D.R. Edds and C.W. Prophet. Distribution and abundance of federal "candidate" mussels (Unionidae) in southeast Kansas. Final report to Kansas Department of Wildlife and Parks, 129 pp.

1993 Edds, D. Neosho and Cottonwood river gravel bars on aerial photos. Final report to Kansas Department of Wildlife and Parks, 98 pp.

1993 Fuselier, L. and D. Edds. Neosho madtom colonization of artificial riffle habitat. Final report to Kansas Department of Wildlife and Parks, 49 pp.

1993 Fuselier, L. and D. Edds. Neosho madtom movements and seasonal habitat use. Final report to Kansas Department of Wildlife and Parks, 31 pp.

1993 Edds, D. Rattlesnake commercialization update. Kansas Herpetological Society Newsletter 93: 13.

1993 Edds, D. Presentation to the Kansas Wildlife and Parks Commission, 21 January 1993. Kansas Herpetological Society Newsletter 91: 13-14.

1992 Edds, D. Observations on the 1992 Sharon Springs rattlesnake roundup. Kansas Herpetological Society Newsletter 90: 11.

1992 Edds, D. Population status and incidence of anatomical abnormalities in semi-aquatic turtles of the Walnut and lower Arkansas river basins. Final Report to Kansas Department of Wildlife and Parks, 21 pp.

1991 Edds, D.R. Conservation status of the common map turtle in Kansas. Final report to Kansas Department of Wildlife and Parks, 19 pp.

1991 Shipman, P., D.R. Edds and D. Blex. Report on the recapture of an alligator snapping turtle (Macroclemys temminckii) in Kansas. Kansas Herpetological Society Newsletter 85: 8-9.

1991 Voorhees, W., J. Schnell and D.R. Edds. Bait preferences of semi-aquatic turtles in southeast Kansas. Kansas Herp. Society Newsletter 85: 13-15.

1990 Edds, D.R. Aquatic vertebrates of the Flint Hills. Ch. 11 in Aber, J.S. (ed.). Kansas Academy of Science Multidisciplinary Guidebook 3.

1990 Edds, D.R., W. Voorhees, J. Schnell and L. Shipman. Common map turtle rediscovered in Kansas. Kansas Herpetological Society Newsletter 82: 13.

1986 Edds, D. Fish Conservation in Nepal. United Nations Women's Organization magazine, May issue.

## HONORS

2004 Best professional poster award at 134th annual meeting of the American Fisheries Society, Madison, Wisconsin, for Tiemann, J., D. Gillette, M. Wildhaber, and D. Edds. Effects of lowhead dams on fish assemblages in the Neosho River, Kansas, with emphasis on the Neosho madtom, *Noturus placidus*, a federally-listed threatened species.

2003 ESU President's Award for Research and Creativity

2003 Graduate student David Gillette received Laurence C. Boylan Award for the outstanding ESU master's thesis produced during 2001-02 academic year.

2002 Graduate student Jeremy Tiemann named outstanding fisheries graduate student in Kansas by the Kansas Chapter of the American Fisheries Society.

2001 Graduate student David Gillette named outstanding fisheries graduate student in Kansas by the Kansas Chapter of the American Fisheries Society.

1999 Graduate student John Tollefson named outstanding herpetology student in Kansas by the Kansas Herpetological Society

1998 Graduate student Chris Wilkinson named outstanding fisheries student in Kansas by Kansas Chapter of the American Fisheries Society

1997 Elected at-large member of Sigma Xi

1996 Fulbright Research Scholar, Nepal

1994 Best paper award, Kansas Chapter of the American Fisheries Society annual meeting, Lawrence

1994 Former graduate student Paul Shipman named outstanding student of Kansas herpetology by the Kansas Herpetological Society

1993 Dean's Award for Scholarship, College of Liberal Arts and Sciences, Emporia State University

1993 Graduate student Jay Jeffrey honorable mention Skinner Memorial Award, American Fisheries Society

1993 Graduate student Jay Jeffrey named outstanding fisheries student in Kansas by the Kansas Chapter of the American Fisheries Society

1993 Undergraduate advisee Daren Riedle named outstanding herpetology student in Kansas by the Kansas Herpetological Society

1992 Graduate student Linda Fuselier recipient of Skinner Memorial Award, American Fisheries Society

1992 Graduate student Linda Fuselier named outstanding fisheries student in Kansas by the Kansas Chapter of the American Fisheries Society

1989 Runner-up, Phoenix Award, Outstanding Graduate Student, Oklahoma State University

1988 Top Ten Finalist, Phoenix Award, Outstanding Graduate Student, Oklahoma State University

1987 Outstanding Graduate Student Award, Department of Zoology, Oklahoma State University

1984 Selected to Phi Kappa Phi

1984-85 Pre-doctoral Fulbright Scholar, Nepal

1983 Ken Johnston Award from National Wildlife Federation/Oklahoma Department of Wildlife Conservation as outstanding fisheries student in Oklahoma

#### NON-TEACHING PROFESSIONAL EXPERIENCE

2000-06 Emporia State University, Emporia, Kansas  
Advisor, Student Advising Center

1988-89 Oklahoma State University, Stillwater, Oklahoma  
Museum Preparator, Department of Zoology

1986-88 Oklahoma State University, Stillwater, Oklahoma  
Program Counselor, Office of International Programs

1985 U.S. Peace Corps, Kathmandu, Nepal  
Math/Science Training Project Director

1982-83 Oklahoma State University Stillwater, Oklahoma  
Research Assistant, Department of Zoology  
(population genetics of endangered desert fishes)

1981-82 University of Oklahoma Biological Station, Kingston, Oklahoma  
Fisheries Research Specialist (trophic ecology of striped bass)

1980 U.S. Peace Corps, Kathmandu, Nepal  
Community Forestry Training Project Director

1979-80 U.S. Peace Corps Kathmandu, Nepal  
Conservation Program Developer

1977-79 U.S. Peace Corps Siraha, Nepal  
Peace Corps Volunteer/Volunteer Leader (fisheries extension and  
aquaculture)

1976-77 Kansas Forestry, Fish & Game Commission, Independence, Kansas  
Summer Fisheries Aide

1975 U.S. Army Corps of Engineers, Council Grove, Kansas  
Park Technician

1974 Montgomery County Conservation District, Independence, Kansas  
Conservation Aide

#### PROFESSIONAL DEVELOPMENT/EDUCATIONALLY-ORIENTED TRAVEL

1997 Molecular Techniques for Field Biologists class audit, University of Oklahoma  
Biological Station

1996 Fulbright Scholar/researcher in Nepal. Travel throughout Nepal and parts of  
India

1995 Visiting ichthyology researcher at California Academy of Sciences, San Francisco

1995, 1997, 1999, 2000 Freshwater mussel ecology workshop, Kansas Department of Wildlife and Parks

1994 Geographic Information Systems class audit, ESU

1993 Statistical Analysis System class audit, ESU

1993-2000 Coral reef ecology explorations, San Salvador, Bahamas

1986-87 Spanish classes for faculty and graduate students, Oklahoma State Univ.

1986 and 1996 Coral reef explorations in Hawaii

1987-88 Visiting ichthyology researcher at natural history museums in New York, Chicago, San Francisco, Philadelphia, and Washington, D.C.

1984-86 Fulbright Scholar/doctoral research in Nepal. Travel throughout Nepal and parts of India

1977-80 Peace Corps Volunteer/Staff. Travel in parts of Nepal, India, Thailand, and Japan

#### SELECTED SERVICE EXPERIENCES

2004-05 Guest Editor, Southeastern Naturalist

2001-2004 Board of Governors, Southwestern Association of Naturalists

2002-03 Presented field session on aquatic ecology to Flint Hills Girl Scouts

1998-2001 Associate Editor, Fish; The Southwestern Naturalist

1999-2000 President, Kansas Chapter of the American Fisheries Society

1999-2000 North Central Division of the American Fisheries Society Executive Committee

1998-99 Chair, Kansas Nongame Wildlife Advisory Council (advisory to Secretary of Kansas Department of Wildlife and Parks)

1997-2000 American Fisheries Society, Endangered Species Committee

1999 Instructor, KIDS Summer Science Camp, Independence, Kansas

1998-2000 Volunteer, Kansas Amphibian Monitoring Program

1999-2000 Scientific Advisory Committee for state of Kansas Gap Analysis Project

1997-98 Lowther Intermediate School Site Council

1994-2006 U.S. Fish and Wildlife Service's Neosho madtom recovery team

1992-2002 Kansas Academy of Science representative Kansas Nongame Wildlife Advisory Council

1992-99 Kansas Chapter of the American Fisheries Society, Co-chair, Student Scholarship Committee

1993-96 Board of Governors, Southwestern Association of Naturalists

1994-95 Assistant coach, Emporia recreation league soccer and baseball

1994 Co-chair, local committee, Southwestern Association of Naturalists, 41st annual meeting, Emporia

1992-94 Emporia State University Faculty Senate

1993-94 ESU Faculty Senate Executive Committee

1993-94 Chair, ESU Faculty Senate Committee on Campus Governance

1993 President, Kansas Herpetological Society

1993 Host, Kansas Herpetological Society annual meeting

1993 Host, Kansas Chapter of the American Fisheries Society annual meeting

1990-92 Member Governor's Advisory Committee on Kansas' Health and Environment

1990-2005 Reviewed manuscripts for the Kansas Biological Survey, U.S. Geological Survey, University of Kansas Press, Oklahoma State University Department of Zoology, Blackwell Scientific Publications, Tropical Zoology, Copeia, Southwestern Naturalist, Journal of the North American Benthological Society, Transactions of the Kansas Academy of Science, Prairie Naturalist, American Midland Naturalist, Zootaxa, Environmental Biology of Fishes, Journal of Fish Biology, Fisheries, and Transactions of the American Fisheries Society.

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Fisheries Society, American Society of Ichthyologists and Herpetologists, Chelonian Conservation Society, Southwestern Association of Naturalists, Kansas Academy of Science, Kansas Chapter of the American Fisheries Society, Freshwater Mollusk Conservation Society, Association for Nepal and Himalayan Studies, Nepal Fisheries Society.