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James R. Hodgson
Professor of Biology & Environmental Science

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Resumé of James R. Hodgson

October 24, 2011

Personal Information:

Date of Birth: 9/01/42
email: jim.hodgson@snc.edu
Tel: (920) 403-3186; FAX: (920)403-4033
www.snc.edu/biology/profiles/jim.hodgson.html
Spouse : Carol J.; Children : Kelly (1971), Jay (1976)

Educational Background: (Degrees, institutions)

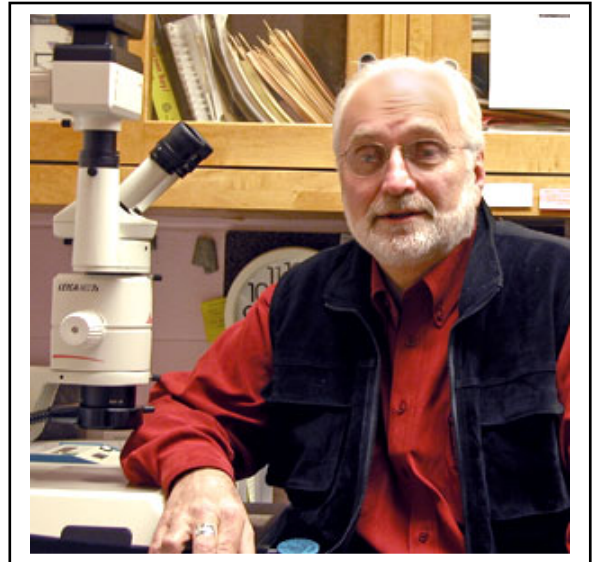
University of Wisconsin - Madison, 1960-61, Art.
University of Wisconsin - Platteville, 1961-65, Biology, B.S.
Western Michigan University - Kalamazoo, 1965-67, Biology, M.A.
(C.C. Adam's Center for Ecological Studies).
Montana State University - Bozeman, 1967-70, Zoology, Ph.D.
University of Wisconsin - Madison, sabbatical/postdoctoral studies in aquatic ecology, 1980, 1981.

Teaching Experience: (Schools and dates of appointment)

St. Norbert College, Assistant Professor of Biology - 1970-77.
St. Norbert College, Associate Professor of Biology - 1977-85.
University of Wisconsin-Madison, Visiting Associate Professor of Zoology, Semester 1, 1980.
St. Norbert College, Professor of Biology and Environmental Science - 1985-2011.
University of the Philippines-Diliman (Manila) – Visiting Professor of Biology, 2003-04.
St. Norbert College, Professor Emeritus of Biology, 2011

Honors and Awards:

The Leonard Ledvina Outstanding Teacher of the Year, St. Norbert College, 1978.
Donald B. King Distinguished Scholar Award, St. Norbert College, 1988.
Archbishop Rembert G. Weakland Community Service Award, St. Norbert College, 2000.
Founder's Award, St. Norbert College, 2009.
Science Watch Top 10 Research Paper (Carpenter, S.R., J.F. Kitchell, J.R. Hodgson, P.A. Cochran, J.J. Elser, M.M. Elser, D.M. Lodge, D. Kretchmer, X. He, and C.N. von Ende. 1987. Regulation of lake primary productivity by food-web structure. *Ecology* **68**: 1863-1876) was one of the most frequently cited papers in ecology, 1992.
Research awards from the National Science Foundation, US Environmental Protection Agency, US Fish and Wildlife Service, Wisconsin Department of Natural Resources, Fulbright-Hayes, Praemonstratensian Fathers, Public Service Corporation.



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Publications (* denotes a SNC author and + denotes a graduate student):

58. Cline, T.J.*, B.C. Weidel, J.F. Kitchell and **J.R. Hodgson**. 2011. Growth response of largemouth bass (*Micropterus salmoides*) to catch-and-release angling: a 27-year mark-recapture study. Canadian Journal of Fisheries and Aquatic Sciences. (in press)
57. Farrell, A.M*. and **J.R. Hodgson**. Zooplankton diel migrations in lakes of contrasting food webs. Bios. (in press).
56. Matthys, A.*, **J. R. Hodgson**, D.A. Seekell⁺ and B. Weidel. Ecosystem experiment supports risk allocation hypothesis. Hydrobiologica. (in review)
55. Carpenter, S., J. Cole, M. Pace., R. Batt, W. Brock, T. Cline, J. Coloso, **J. Hodgson**, J. Kitchell, D. Seekell, L. Smith and B. Weidel. Early warnings of trophic cascades: An ecosystem experiment. Science. **332**: 1079-1082. [DOI:10.1126/science.1201080]
54. Rick, A.R.*, **J.R. Hodgson** and D.A. Seekell⁺. 2011. Foraging specialization by the opportunistic largemouth bass (*Micropterus salmoides*). Journal of Freshwater Ecology **26**: 435-439.
53. Weidel⁺, B. C., S.R. Carpenter, J.J. Cole, **J.R. Hodgson**, J.F. Kitchell, M.L. Pace and J.T. Solomon⁺. 2008. Carbon sources supporting fish growth in a north temperate lake. Aquatic Science **70**: 446-458.
52. **Hodgson, J.R.**, C. J. Hodgson and J.Y.S. Hodgson*. 2008. Water mites in the diet of largemouth bass. Journal of Freshwater Ecology **23**: 327-331.
51. Pace, M.L., S.R. Carpenter, J.J. Cole, J.J. Coloso⁺, J.F. Kitchell, **J.R. Hodgson**, M. Middelburg⁺, N.D. Preston⁺, J.T. Solomon⁺, B.C. Weidel⁺. 2007. Does terrestrial organic carbon subsidize the planktonic food web in a clear-water lake? Limnology and Oceanography **52**: 2177-2189.
50. Hodgson*, J.Y.S., **J.R. Hodgson**, G. Bunker and J. Miller. 2006. Predictive relationships between canopy overstory and the herbaceous understory in a northeastern Wisconsin forest. The Michigan Botanist. **44**: 139-148.
49. Cole, J.J., S.R. Carpenter, M.L. Pace, J.F. Kitchell, **J.R. Hodgson** and M. Van de Bogert⁺. 2006. Differential support of lake food webs by three types of terrestrial organic carbon. Ecology Letters. **9**: 558-569.
48. Choudhury, A., E. M. Charipar*, P. Nelson, **J.R. Hodgson**, S. Bonar and R.A. Cole. 2006. Update on the distribution of the invasive Asian fish tapeworm, *Bothriocephalus acheilognathi*, in the U.S. and Canada. Comparative Parasitology. **73**: 269-273.

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47. **Hodgson, J.R.**, J.Y.S. Hodgson* and E.M. Charipar.* 2006. Niche dynamics of largemouth bass (*Micropterus salmoides*) in a north temperate lake. Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie **29**: 1635-1638.
46. **Hodgson, J.R.** and E. Hansen*. 2005. Terrestrial vertebrate prey in the diet of largemouth bass, *Micropterus salmoides* in a small north temperate lake. Journal of Freshwater Ecology **20**: 793-794.
45. Carpenter, S.R., J.J. Cole, M.L. Pace, M. Van de Bogert⁺, D.L. Bade⁺, D. Bastviken⁺, C. Gille⁺, **J.R. Hodgson**, J.F. Kitchell, and E.S. Kritzberg⁺. 2005. Ecosystem subsidies: Terrestrial support of aquatic food webs from 13C addition to contrasting lakes. Ecology. **86**: 2737-2750.
44. Pace, M.L., J.J. Cole, S.R. Carpenter, J.F. Kitchell, **J.R. Hodgson**, M. Van de Bogert⁺, D.L. Bade⁺, E.S. Kritzberg⁺ and D. Bastviken⁺. 2004. Whole lake carbon-13 additions reveal terrestrial support of aquatic food web. Nature. **427**: 240-243.
43. Carpenter, S.R., J.J. Cole, **J.R. Hodgson**, J.F. Kitchell, M.L. Pace, D. Bade⁺, K.L. Cottingham⁺, T.E. Essington⁺, J.N. Houser⁺, D.E. Schindler⁺. 2001. Trophic cascades, nutrient, and lake productivity: Experimental enrichment of lakes with contrasting food webs. Ecological Monographs. **71**:163-186.
42. Essington⁺, E.E., **J.R. Hodgson** and J.F. Kitchell. 2000. The role of satiation in the functional response of a piscivore. Canadian Journal of Aquatic Fisheries Sciences **57**:548-556.
41. Blumenshine⁺, S.C., D.M. Lodge, and **J.R. Hodgson**. 2000. Gradient of fish predation on body size distributions of lake benthos. Ecology. **81**:374-386.
40. Hodgson*, J.Y.S. and **J.R. Hodgson**. 2000. Exploring optimal foraging by largemouth bass (*Micropterus salmoides*) from three experimental lakes. Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie **27**:1757-1762.
39. **Hodgson, J.R.** 1999. Case study: PCB contamination in the Fox River. WCB/McGraw-Hill Pubs. <http://www.mhhe.com/biosci/pae/environmentalscience/casestudies/case5a.mhtml>.
38. **Hodgson, J.R.** 1999. Case study: Food web control of primary production in lakes. WCB/McGraw-Hill Pubs. <http://www.mhhe.com/biosci/pae/environmentalscience/casestudies/case5/mhtml>.
37. Carpenter, S.R., J.F. Kitchell, and **J.R. Hodgson**. 1999. Cascading trophic interactions and lake productivity. Pages 167-174 In S. Dodson et al., Editors. Readings in ecology, Oxford University Press.

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36. Alemancia, G., C.J. Hodgson and **J.R. Hodgson**. 1999. The role of indigenous cultures and academic institutions in tourism development programs. Pages 83-88 in M.S. Ratchford, editor. The challenge of experience-management: Linking quality with sustainability. American Association for the Advancement of Science.
35. **Hodgson, J.R.**, D.E. Schindler⁺ and X. He⁺. 1998. Homing tendency of three piscivorous fishes in a northern temperate lake. Transactions of the American Fisheries Society **127**: 1080-1083.
34. Post⁺, D. M., J.F. Kitchell and **J.R. Hodgson**. 1998. Interactions among adult demography, spawning date, growth rate, predation, over winter mortality and recruitment in largemouth bass in a northern lake. Canadian Journal of Fisheries and Aquatic Sciences **55**: 2588-2600.
33. Carpenter, S.R., J.J. Cole, T.E. Essington⁺, **J.R. Hodgson**, J.N. Houser⁺, J.F. Kitchell and M.L. Pace. 1998. Evaluating alternative explanations in ecosystems. Ecosystems. **1**:335-344.
32. Cochran, P.A. and **J.R. Hodgson**. 1997. A note on reproduction by the rain forest hog-nosed pitviper (*Porthidium nasutum*) in Panama. Bull. Maryland Herpetological Rev. **33**: 63-64.
31. Cochran, P.A., **J.R. Hodgson**, and A.A. Leisten*. 1997. The assassin bug *Zelus luridus* (Heteroptera: Reduviidae) in Michigan's Upper Peninsula. The Great Lakes Entomologist **30**: 123-124.
30. **Hodgson, J.R.**, X. He⁺, D.E. Schindler⁺ and J.F. Kitchell. 1997. Diet Overlap in a piscivorous community. Ecology of Freshwater Fish. **6**: 144-149.
29. Post⁺, D. M., S.R. Carpenter, D.L. Christensen⁺, K.L. Cottingham⁺, **J.R. Hodgson**, J.F. Kitchell and D.E. Schindler⁺. 1997. Seasonal effects of variable recruitment of a dominant piscivore on pelagic food web structure. Limnology and Oceanography **42**: 722-729.
28. Schindler⁺, D.E., **J.R. Hodgson** and J.F. Kitchell. 1997. Density-dependent changes in individual foraging specialization in largemouth bass. Oecologia **110**:592-600.
27. **Hodgson, J.R.** and M.J. Kinsella*. 1996. Small mammals in the diet of largemouth bass, revisited. Journal of Freshwater Ecology. **10**: 433-435.
26. Ward, J.L*. and **J.R. Hodgson**. 1996. The presence of the Asian clam, *Corbicula*, from Lake Superior. Journal of Freshwater Ecology **12**:167-69.

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25. Carpenter, S.R., D.L. Christensen⁺, J.J. Cole, K.L. Cottingham⁺, X. He⁺, **J.R. Hodgson**, J.F. Kitchell, S.E. Knight, M.L. Pace, D.E. Schindler⁺ and N. Voichick⁺. 1995. Biological control of eutrophication in lakes. *Environmental Science and Technology* **29**:784-786.
24. He⁺, X., **J.R. Hodgson**, J.F. Kitchell, and R. A. Wright⁺. 1994. Growth and diet composition of largemouth bass in four experimental lakes. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* **25**: 3753-3764.
23. Kitchell, J.F., S.R. Carpenter, **J.R. Hodgson**, X. He⁺, P.A. Soranno⁺. 1993. Phosphorus in food webs: Compensatory responses in experimental lakes. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* **25**: 344-348.
22. He⁺, X., J.F. Kitchell, S.R. Carpenter, **J.R. Hodgson**, D.E. Schindler⁺, and K.L. Cottingham⁺. 1993. Food web structure and long-term phosphorus recycling: A simulation model evaluation. *Transactions of the American Fisheries Society* **122**: 773-783.
21. Schindler⁺, D.E., J.F. Kitchell, X. He⁺, S.R. Carpenter, **J.R. Hodgson**, and K.L. Cottingham⁺. 1993. Food web structure and phosphorus cycling in lakes. *Transactions of the American Fisheries Society* **122**: 756-772.
20. Carpenter, S.R., C. Kraft, R. Wright⁺, X. He⁺, P.A. Soranno⁺, and **J.R. Hodgson**. 1992. Resilience and resistance of a lake phosphorus cycle before and after food web manipulation. *American Naturalist* **140**: 781-798.
19. **Hodgson, J.R.**, C.J. Hodgson, and S.M. Brooks*. 1991. Trophic interaction and competition between largemouth bass (*Micropterus salmoides*) and rainbow trout (*Oncorhynchus mykiss*). *Canadian Journal of Fisheries and Aquatic Sciences* **48**: 1704-1712.
18. **Hodgson, J.R.**, S.R. Carpenter, and A.P. Gripentrog*. 1989. Effect of sampling frequency on intersample variance and food consumption estimates of non-piscivorous largemouth bass. *Transactions of the American Fisheries Society* **118**: 11-19.
17. **Hodgson, J.R.** and P.A. Cochran. 1988. The effect of sampling methodology on diet analysis in largemouth bass (*Micropterus salmoides*). *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* **23**:1670-1675.
16. Cochran, P.A., D.M. Lodge, **J.R. Hodgson**, P.G. Knapik*. 1988. Diet of syntopic finescale dace (*Phoxinus neogaeus*) and northern redbelly dace (*Phoxinus eos*): a reflection of trophic morphology. *Environmental Biology of Fish* **22**: 235-240.
15. **Hodgson, J.R.** 1987. Occurrence of small mammals in the diets of largemouth bass (*Micropterus salmoides*). *The Jack-Pine Warbler* **64**: 39-40.

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14. Cochran, P.A., **J.R. Hodgson** and R.B. Korb. 1987. New distributional records for reptiles and amphibians in Brown County, Wisconsin. *SSAR Herpetological Review* **18**: 22-24.
13. **Hodgson, J.R.**, S.A. Lyden*, P.J. Anders*, and C.P. Frigo. 1987. Biota of a clear-water acid lake. *The Jack-Pine Warbler* **65**: 3-13.
12. **Hodgson, J.R.** and J.F. Kitchell. 1987. Opportunistic foraging by largemouth bass (*Micropterus salmoides*). *American Midland Naturalist*. **118**: 323-336.
11. Carpenter, S.R., J.F. Kitchell, **J.R. Hodgson**, P.A. Cochran, J.J. Elser⁺, M.M. Elser⁺, D.M. Lodge, D. Kretchmer⁺, X. He⁺, and C.N. von Ende. 1987. Regulation of lake primary productivity by food-web structure. *Ecology* **68**: 1863-1876. (*Top 10 citation listing for 1987-92; Science Watch*).
10. Reed*, M, and **J.R. Hodgson**. 1987. Geographic distribution: *Necturus maculosus*. *SSAR Herpetological Review* **18**: 39.
9. Cochran, P.A. and **J.R. Hodgson**. 1986. Geographic distribution: *Ambystoma laterale*. *SSAR Herpetological Review* **17**: 26.
8. Knapik*, P.G, and **J.R. Hodgson**. 1986. Life history note: *Storeria occipitomaculata* (redbelly snake) Predation. *SSAR Herpetological Review* **17**: 22.
7. **Hodgson, J.R.** and P.A. Cochran. 1986. Geographic distribution: *Hyla crucifer*. *SSAR Herpetological Review* **17**: 26.
6. Cochran, P.A. and **J.R. Hodgson**. 1985. Geographic distribution: *Emydoidea blandingii*. *SSAR Herpetological Review* **17**: 26.
5. Carpenter, S.R., J.F. Kitchell and **J.R. Hodgson**. 1985. Cascading trophic interactions and lake productivity. *BioScience* **35**: 634-639.
4. **Hodgson, J.R.** and J. R. Phythyon. 1984. *Bioscience Laboratory Manual*. 3rd Ed. St. Norbert College Publ. 280 pp.
3. **Hodgson, J.R.** and R. Brewer. 1975. Mammal populations of oak forests in southwestern Michigan. *The Jack-Pine Warbler* **53**: 131-140.
2. Brewer, R., D.A. Boyce⁺, **J.R. Hodgson**, J.D. Wenger⁺, M.H. Mills⁺ and M.M. Cooper⁺. 1973. Composition of some oak forests in southwestern Michigan. *Michigan Botanist* **12**: 217-234.

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1. **Hodgson, J.R.** 1972. Local distribution of *Microtus montanus* and *M. pennsylvanicus* in southwestern Montana. *Journal of Mammalogy* **53**: 487-499.

Book chapters

Schindler⁺, D.E., S.R. Carpenter, K.L. Cottingham⁺, X. He⁺, **J.R. Hodgson**, J.F. Kitchell, and P.A. Soranno⁺. 1995. Food structure and littoral zone coupling to pelagic cascades. Pages 96-108 in G.A. Polis and K. Winemiller (eds). *Food webs: Integration of patterns and dynamics*. Chapman and Hall Publ, New York, New York.

He⁺, X., J.F. Kitchell, **J.R. Hodgson**, R.A. Wright⁺, P.A. Soranno⁺, D.M. Lodge, P.A. Cochran, D.A. Benkowski⁺, and N.W. Bouwes⁺. 1993. Roles of fish predation: piscivory and planktivory. Pages 85-102 in S.R. Carpenter and J.F. Kitchell, editors. *Cascading trophic interactions*. Cambridge University Press.

Hodgson, J.R., X. He⁺, and J.F. Kitchell. 1993. The fish populations. Pages 43-68 in S.R. Carpenter and J.F. Kitchell, editors. *Cascading trophic interactions*. Cambridge University Press.

Other Publications (nontechnical):

7. Cole, J. and **J.R. Hodgson**. 2009. Book Review. Sherratt, T.N. and D.M. Wilkinson. 2009. *Big Questions in Ecology and Evolution*. Oxford University Press. 297 pp. *ASLO Bulletin*. 78.
6. **Hodgson, J.R.** 2007. Will biofuels solve our energy problems? *St. Norbert College Peace and Justice Newsletter*. **10**: 9.
5. **Hodgson, J.R.** and C.J. Hodgson. 2000. Contamination of Fox River sediments and health effects. *St. Norbert College Peace and Justice Newsletter*. **2**:2-3.
4. Hodgson, C.J and **J.R. Hodgson**. 1999. Every one has to breathe. *St. Norbert College Peace and Justice Newsletter*. **1**:2.
3. Krishtalka, L., T. Benning, B. Drake, E. Elliott, **J. Hodgson**, F. James, N. Johnson, S. Pickett, E. Rogers, R. Stein and F. Harris. 1998. Report to the National Science Foundation: Review of the Ecological Studies Cluster for FY 1995, 1996 and 1997.
2. **Hodgson, J.R.** and C.J. Hodgson. 1997. Ecotrip "an extraordinary journey of a life time". *Knight Life*. **29**: 21-22.
1. Schacht*, L.L. and **J.R. Hodgson**. 1996. From the emerald rainforests of Panama to the emerald isle. *The Beacon*. St. Norbert College, Vol XII, pp. 5-6.

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Presentations (published abstracts) with Undergraduate Co-authors: (* Denotes a student author, + = graduate student, ^s = faculty sponsor)

64. Cline, T*, J. Kitchell, B. Weidel and **J. Hodgson**. 2011. Growth response to catch-and-release angling. 6th World Recreational Fishing Conference. Berlin, Germany.
63. Provost, M.*, B. C. Weidel⁺ and **J.R. Hodgson**. 2011. Impact of lake size on largemouth bass diet diversity. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington.
62. **Hodgson, J.R.**, C.J. Brosseau*, T.J. Cline*, and L. Zinn*. 2011. Changing growth rates as a result of a top-down manipulation. Aquatic Sciences Meeting of the American Society of Limnology and Oceanography. San Juan, Puerto Rico.
61. Carpenter, SR., R. Batt⁺, B. Brock, C.B. Brosseau*, T.J. Cline*, J.J. Cole, **J.R. Hodgson**, J.F. Kitchell, M.L. Pace. L. Zinn*. 2010. Early warnings of big ecological change. Second Annual meeting of Science in the Northwoods Conference, Boulder Junction, Wisconsin.
- 60.. Cline, T.J.*, B.C. Weidel⁺, J.F. Kitchell and **J.R. Hodgson**. 2010. Factors affecting the growth of largemouth bass (*Mixcropterus salmoides*) and the influence of catch and release mortality. Second Annual meeting of Science in the Northwoods Conference, Boulder Junction, Wisconsin.
59. **Hodgson, J.R.**, C. Brosseau*, B. Charipar*, J. Hodgson*, A. Matthys*, M. Provost* and A. Rick*. 2010. Trophic ecology of largemouth bass and pumpkinseed sunfish in several UNDERC lakes in the northwoods. Second Annual meeting of Science in the Northwoods Conference, Boulder Junction, Wisconsin.
58. **Hodgson, J.R.** and A. Matthys*. 2010. Diet changes in pumpkinseed sunfish in response to increased piscivory. XXXI SIL Congress, Cape Town South Africa.
57. Matthys*, A. and **J. R. Hodgson**. 2010. Diet changes in pumpkinseed sunfish in response to increased piscivory. Wisconsin Lakes Convention. Green Bay, Wisconsin.
56. Dougherty*, M.M., **J.R. Hodgson** and B. Weidel⁺. 2009. Foraging optimization in pumpkinseed sunfish. National Conference on Undergraduate Research (NCUR). University of Wisconsin-LaCrosse, LaCrosse, Wisconsin.
55. **Hodgson, J.R.**, M.M. Dougherty* and B. Weidel⁺. 2009. Foraging optimization in pumpkinseed sunfish. Annual Aquatic Sciences Meeting of the American Society of Limnology and Oceanography. Nice, France.

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54. **Hodgson, J.R.**, A. Rick*, B. Weidel⁺ and C.J. Hodgson. 2008. Diet specialization in largemouth bass. Annual Aquatic Sciences Meeting of the American Society of Limnology and Oceanography. St. John's Newfoundland, Canada.
53. **Hodgson, J.R.**, M. Provost* and B. Weidel⁺. 2007. The effect of lake size on diet diversity of largemouth bass. Aquatic Sciences Meeting of the American Society of Limnology and Oceanography. Santa Fe, New Mexico.
52. **Hodgson, J.R.**, J.Y.S. Hodgson* and E.M. Charipar*. 2006. *Chaoborus* in the diet of largemouth bass. 54th Annual Meeting of the North American Benthological Society. Anchorage, Alaska.
51. **Hodgson, J.R.** and C.J. Hodgson. 2005. Ultimate Peru. St. Norbert College Distinguished Lecture Series. Fish Creek, Wisconsin.
50. **Hodgson, J.R.**, J.Y.S. Hodgson* and E.M. Charipar*. 2004. Niche dynamics of largemouth bass (*Micropterus salmoides*) in a North Temperate Lake. XXIX International Congress of Limnology, Lahti, Finland.
49. Charipar*, B.M., J.Y.S. Hodgson* and **J.R. Hodgson**. 2001. Piscivorous niche expansion by largemouth bass in a temperate experimental lake. 86th Annual Meeting of the Ecological Society of America. UW-Madison, Madison, Wisconsin.
48. **Hodgson, J.R.**, J.Y.S. Hodgson*, O.N. Podlaha* and G.J. Bunker. 2001. Relationships between understory and canopy type in a northern Wisconsin forest. 86th Annual Meeting of the Ecological Society of America. UW-Madison, Madison, Wisconsin.
47. Charipar*, B.M. and **J.R. Hodgson**. 2001. Piscivorous niche expansion by largemouth bass in a temperate experimental lake. 12th Annual Argonne National Laboratory Symposium for Undergraduates in Science, Engineering, and Mathematics. University of Chicago, Chicago, Illinois.
46. Hodgson*, J.Y., and **J.R. Hodgson**. 2001. Density-dependent foraging plasticity of largemouth bass. 86th Annual Meeting of the Ecological Society of America. UW-Madison, Madison, Wisconsin.
45. Hodgson*, J.Y., and **J.R. Hodgson**. 2001. Foraging plasticity of largemouth bass. Intern. Assoc. Great Lakes Research. University of Wisconsin-Green Bay, Green Bay, Wisconsin.
44. Hodgson*, J.Y., and **J.R. Hodgson**. 1998. A bioenergetics approach to opportunistic foraging by largemouth bass (*Micropterus salmoides*). Wisconsin Chapter of the American Fisheries Society meetings, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin.

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43. Gehl*, M.R., L.L. Schacht* and **J.R. Hodgson^S**.1998. Algal response to zooplankton grazing: experimental evidence from three lakes. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.
42. Natoli*, C. P, J.Y. Hodgson* and **J.R. Hodgson^S**,1998. A comparison of smallmouth bass diets from an eutrophic river and an oligotrophic lake. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.
41. Hodgson*, J.Y, and **J.R. Hodgson^S**,1998. The bioenergetics of largemouth bass opportunism. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.
40. Cech*, A.M., R. A. Halverson* and **J.R. Hodgson^S**.1998. Limb morphology in relationship to habitat in several species of neotropical anurans from Panama. 128th Annual Conference of the Wisconsin Academy of Sciences Arts and Letters. St. Norbert College, De Pere, Wisconsin. (poster)
39. Witt*, E.J., G. A. Kinder*, A. M., Mollen*, A. L. Jaskolski*, and **J.R. Hodgson^S**,1998. High-elevation foraging of the *Atta* spp. leaf-cutter ants. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.
38. Bowers*, B. B., P.B. Klosowski*, A.R. Lawless* and **J.R. Hodgson^S**,1998. The comparison of organic matter in soils of tropical rainforests and north temperate forests. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin. (poster)
37. Geiger*, J. J, and **J.R. Hodgson^S**.1998. Zebra mussel (*Dreissena polymorpha*) colonization in Northeastern Wisconsin-Door County. 128th Annual Conference of the Wisconsin Academy of Sciences Arts and letters. St. Norbert College, De Pere, Wisconsin.
36. Geiger*, J.J.,T. Schostag* and **J.R. Hodgson^S**.1998. Feeding guilds among coral reef fish in San Blas, Panama. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin. (poster)
35. Mackey*, B.E.,B. Klosowski*, J. R. Rebarchik*, A.R. Lawless* and **J. R. Hodgson^S**.1998. Comparative cultural study: Maje Emberá, Madungandi Kuna and San Blas Kuna Indians of Panama. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.

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34. Vanderloop*, R., A.M. Cech*, A.L. Jaskolski* and **J. R. Hodgson^S**.1998. Environmental ethics connecting Wisconsin and Panama: a comparison of religion and cultural mythology. 128th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. St. Norbert College, De Pere, Wisconsin.
33. **Hodgson, J.R.**, J.Y.S. Hodgson*, and L.L. Schacht*, 1998. Foraging ecology, opportunism and bioenergetics of largemouth bass *Micropterus salmoides* in small northern Wisconsin lakes. XXVII SIL Congress, Dublin Ireland.
32. Natoli*, C.P. and **J.R. Hodgson**. 1997. Comparison of smallmouth bass diet from a large eutrophic river and a small oligotrophic lake. 26th Wisconsin Chapter of the American fisheries Society meeting. Oshkosh, Wisconsin.
31. Schacht, L.L*., **J.R. Hodgson** and C.J. Hodgson. 1997. Twelve years of largemouth bass diet from a small oligotrophic lake. 26th Wisconsin Chapter of the American Fisheries Society meeting. Oshkosh, Wisconsin.
30. Pecora*, E.E., B.M, Scallen*, C.A.,Perry*, D.A., Phillips*, and **J.R. Hodgson^S**.1997. Unusual diet of the ballyhoo , *Hemiraphus brasiliensus*, from the coastal waters of San Blas, Panama. 127th Annual Conference of the Wisconsin Academy of Science, Arts and Letters. University of Wisconsin-Whitewater, Whitewater, Wisconsin. (poster).
29. Hodgson*, J.Y.S, M.R. Gehl*, and **J.R. Hodgson^S**.1997. Stunted growth and trophic interactions of bluegill sunfish in a small urban pond. 127th Annual conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Whitewater, Whitewater, Wisconsin.
28. Cole*, K.J., S.C. Meier *,A.M. Millsaps*, C.P. Natoli* and **J.R. Hodgson^S**.1997. Assessment of Aquatic organisms in the determination of stream quality in some Wisconsin streams. 127th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Whitewater, White-water, Wisconsin. (poster). *Winner of best student poster.*
27. Carney*, S.A., A.M. Dansart* and **J.R. Hodgson^S**.1997. Determining phosphorus in Panamanian streams draining watersheds with a gradient of successional stages following deforestation. 127th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Whitewater, Whitewater, Wisconsin.
26. Karls*, T.L., S.M. Ponik*, D.P. Henry*, M.S. Berken* and **J.R. Hodgson^S**. 1997. Nocturnal insect species diversity in a cloud forest ecosystem in Panama. 127th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Whitewater, Whitewater, Wisconsin. (poster).

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25. **Hodgson, J.R.** , T.E. Essington⁺ and J.Y.S. Hodgson*. 1997. Foraging efficiency, opportunism, and feeding ecology of largemouth bass, *Micropterus salmoides* in small northern Wisconsin lakes. 77th Annual meeting of the Society of Ichthyologists and Herpetologists. University of Washington, Seattle, Washington.
24. Weisgerber*, K.M. and **J.R. Hodgson**^S. 1996. Seasonal dynamics of zooplankton assemblages of the Fox River, Wisconsin. 126th Conference of the Wisconsin Academy of Sciences Arts and Letters. University of Wisconsin-Stevens Point, Stevens Point, Wisconsin.
23. Ward*, J. L. and **J.R. Hodgson**^S. 1996. Density and distribution of *Corbicula* in Lake Superior at Marquette, Michigan. 126th Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Stevens Point, Stevens Point, Wisconsin.
22. Schmitz*, M.M., J.C. Clark*, T.A. Helbing*, J.L. Shere* and **J.R. Hodgson**^S. 1996. Effectiveness of drip tips to drain surface water from tropical leaves. 126th Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Stevens Point, Stevens Point, Wisconsin.
21. Schacht*, L.L. and **J.R. Hodgson**^S. 1996. A multi-year analysis of largemouth bass (*Micropterus salmoides*) diet. 126th Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Stevens Point Stevens Point, Stevens Point, Wisconsin.
20. Natoli*, C.P., E.R. Danielson* and **J.R. Hodgson**^S. 1996. Comparison of smallmouth bass (*Micropterus dolomieu*) diets from two rivers and one lake. 126th Conference of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Stevens Point, Stevens Point, Wisconsin.
19. Schacht*, L.L., **J.R. Hodgson** and C.J. Hodgson. 1996. An analysis of 12 years of largemouth bass (*Micropterus salmoides*) diet. 76th Annual Meeting of the American Society of Ichthyologists and Herpetologists. University of New Orleans, New Orleans, Louisiana.
18. Cullerton*, M., K.L. Kroll,* K.R. Patrick* and **J.R. Hodgson**^S. 1995. Nutrient concentrations in several tropical rivers of eastern Panama. The 125th Annual Conference of the Wisconsin Academy of Science, Arts and Letters. Madison, Wisconsin. (poster).
17. Weisgerber*, K.M., L.L. Schacht,* C.M. Rebarchik* and **J.R. Hodgson**^S. 1995. Zooplankton assemblages in selected streams in eastern Panama, Central America. The 125th Annual Conference of the Wisconsin Academy of Science, Arts and Letters. Madison, Wisconsin.

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16. Asleson*, L.M. and **J.R. Hodgson**^S. 1995. Growth dynamics and diet of a stunted population of green sunfish The 125th Annual Conference of the Wisconsin Academy of Sciences, Arts and Letters. Madison, Wisconsin. (poster).
15. Rafferty*, J.P., J.J. Czajkowski,* and **J.R. Hodgson**. 1993. A comparison of benthic macroinvertebrate communities of the lower Fox River and the upper East River, Brown County, Wisconsin. International Association of Great Lakes Research, St. Norbert College, De Pere, Wisconsin.
14. Rafferty*, J. P., J.J. Czajkowski,* and **J. R. Hodgson**^S. 1993. Benthic communities of the Fox River and upper East River, Brown County, Wisconsin. 123rd Annual Conference, Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin-Oshkosh, Oshkosh, Wisconsin.
13. Van Rite*, W. L., J.P. Rafferty,* and **J.R. Hodgson**^S. 1992. Macroinvertebrate communities of eight streams in Belize, C.A. Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin - Eau Claire, Eau Claire, Wisconsin.
12. Leisten*, A.A., D.A. Henning,* T.G. Buerger,* and **J.R. Hodgson**^S. 1992. Fish communities of nine streams of Belize, C.A. 122nd Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin - Eau Claire, Eau Claire, Wisconsin.
11. Van Den Heuvel*, C.G., J.M. Schirger,* and **J.R. Hodgson**^S. 1991. Fish communities of ten Costa Rican streams. 121st Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin – Superior, Superior, Wisconsin.
10. Stack*, K.M., M.D. Zimmerman*, and **J.R. Hodgson**^S. 1991. Macroinvertebrate communities ten Costa Rican streams. 121st Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin – Superior, Superior, Wisconsin.,
9. Brooks*, S.M., J.R. **Hodgson**, and C.J. Hodgson. 1990. Competition for food by largemouth bass and rainbow trout in a manipulated lake. 120th Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. University of Wisconsin - Platteville, Platteville, Wisconsin. *Winner of the Forest Stearns Award for best student paper.*
8. **Hodgson, J.R.**, P.A. Cochran, C.J. Hodgson, and M.E. Sneen*. 1990. Specialization by individual largemouth bass (*Micropterus salmoides*) on noxious prey (water mites and newts). 70th Annual Meeting of the American Society of Ichthyologists and Herpetologists. College of Charleston, Charleston, South Carolina.
7. **Hodgson, J.R.**, A.P. Gripentrog*, and S.R. Carpenter. 1989. Prey variance periodicity and the influence of sampling schedule on consumption estimates of a II+ cohort of largemouth bass (*Micropterus salmoides*) in a manipulated lake. Annual Meeting of the Wisconsin Chapter of the American Fisheries Society. Oshkosh, Wisconsin.

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6. Novotny*, F.J., T.M. Dillahun*, and **J.R. Hodgson**^S. 1989. Diel patterns of sublittoral marine fishes of Ambergris Caye, Belize, Central America. 119th Annual Meeting of the Wisconsin Academy of Sciences, Arts and Letters. Green Bay, Wisconsin.
5. **Hodgson, J.R.**, C.J. Hodgson, S.M. Brooks*. 1989. Competition for food with largemouth bass and rainbow trout in a manipulated lake. 69th Annual meeting of the American Society of Ichthyologists and Herpetologists. San Francisco, California.
4. **Hodgson, J.R.**, A.P. Gripentrog*, and S.R. Carpenter. 1988. The effect of sampling schedule on diet analysis of largemouth bass (*Micropterus salmoides*). Annual Meeting of the Ecological Society of America. University of California-Davis, Davis, California.
3. **Hodgson, J.R.**, P.A. Cochran, P.G. Knapik*, and D.M. Lodge. 1987. Diet as a reflection of morphology: a comparison of *Chrosomus eos* and *C. neoqaeus*. 67th Annual Meeting American Society of Ichthyology and Herpetology, University of Victoria, Victoria, British Columbia, Canada.
2. **Hodgson, J.R.**, C.P. Frigo, S.A. Lyden*, and P.J. Anders*. 1984. Preliminary report on the limnology of a clear-water acid lake in northern Wisconsin as related to acid deposition. American Water Resources Association, Wisconsin Section Annual Meeting, Oshkosh, Wisconsin.
1. **Hodgson, J.R.**, C.P. Frigo, S.A. Lyden*, and P.J. Anders*, 1983. Initial report on the biota of a clear-water acidic lake in northern Wisconsin. Technical Conference on Acid Deposition and Aquatic Resources in the Upper Midwest, LaCrosse, Wisconsin.

Other Presentations (published abstracts):

42. Pace, M.L., S.R. Carpenter, J.J. Cole, J.J. Coloso⁺, J.F. Kitchell, **J.R. Hodgson**, J.J. Middelburg, N.D. Preston⁺, C.T. Solomon⁺ and B.C. Weidel⁺. 2007. Does terrestrial carbon subsidize plankton in a clear-water lake? Aquatic Sciences Meeting of the American Society of Limnology and Oceanography. Santa Fe, New Mexico.
41. Pace, M., S. Carpenter, J. Cole, J. Kitchell, **J. Hodgson** and M. Van De Bogert⁺. 2005. Subsidy sources in small lakes: not soup but specks and sinkers. 90th Annual Meeting of the Ecological Society of America, Palais des Congr es de Montreal, Montreal, Canada.
40. Gille⁺, C., J.R. Kitchell and **J.R. Hodgson**. 2005. Estimating natural mortality in a small, unexploited population of largemouth bass. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska.

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39. Pace, M.L., S.R. Carpenter, J.J. Cole, J.F. Kitchell, **J.R. Hodgson**, M. Van De Bogert⁺, D. Bade⁺, C. Gille⁺. 2004. Terrestrial subsidies of aquatic food webs: Results of ¹³C additions to lakes contrasting in dissolved organic matter and nutrients. 89th Annual Meeting of the Ecological Society of America. Oregon State University, Eugene, Oregon.
38. **Hodgson, J.R.** 2004. The trophic cascade: top-down or bottom-up control. The Institute of Biology, The University of the Philippines-Diliman, Quezon City, Manila, Philippines.
37. **Hodgson, J.R.** 2004. The trophic cascade: top-down or bottom-up control. Ateneo de Manila University, Quezon City, Manila, Philippines.
36. **Hodgson, J.R.** and C.J. Hodgson . 2004. Panama: Ecotourism, the St. Norbert College model. Institute of English and Comparative Literature, The University of the Philippines-Diliman, Quezon City, Manila, Philippines.
35. **Hodgson, J.R.** and C.J. Hodgson . 2004. Panama: Ecotourism, the St. Norbert College model. Ateneo de Manila University, Quezon City, Manila, Philippines.
34. **Hodgson, J.R.** 2004. The Liberal Arts Institution: Its Benefits and Challenges. The University of Alabama, Tuscaloosa, Alabama.
33. **Hodgson, J.R.** 2004. Niche dynamics of largemouth bass. Science and the Northwoods. Center for Limnology, University of Wisconsin-Madison, Trout Lake Station, Wisconsin.
32. Van de Bogert⁺, M., J.J. Cole, M.L. Pace and **J.R. Hodgson**. 2003. Whole-system metabolism in small lake ecosystems: Challenging continuous free-water oxygen methods with a mechanistic model. 88th Annual Meeting of the Ecological Society of America. Savannah, Georgia.
31. Cole, J.J., S.R. Carpenter, **J.R. Hodgson**, J.F. Kitchell , M.L. Pace , M. Van de Bogert⁺, M and D. Bade⁺. 2003. Food webs don't run on contemporary primary production alone: Terrestrial C is implicated in whole lake C-13 manipulations. Ocean Sciences Meeting of the American Society of Limnology and Oceanography, Honolulu, Hawaii.
30. Cole, J.J., S.R. Carpenter, **J.R. Hodgson**, J.F. Kitchell and M.L. Pace. 2002. Does terrestrial C fuel the foodweb in small humic lakes? Annual meeting of the American Society of Limnology and Oceanography. University of Victoria, Victoria, British Columbia, Canada.
29. Essington⁺, T.E., J.F. Kitchell and **J.R. Hodgson**. 2000. Habitat complexity, prey-predator interactions and the spatial distribution of largemouth bass and its prey. 85th Annual Meeting of the Ecological Society of America. Snowbird Utah.

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28. Essington⁺, T.E., J.F. Kitchell, and **J.R. Hodgson**. 1999. The role of satiation in the functional response of a piscivore, largemouth bass. 84th Annual Meeting of the Ecological Society of America. Gonzaga University, Spokane, Washington.
27. Blumenshine⁺, S., D.L. Lodge, **J.R. Hodgson** and J.F. Kitchell. 1997. Fish predation effects on prey size distribution in lakes. Annual meeting of the American Society of Limnology and Oceanography. Santa Fe, New Mexico.
26. Post⁺, D.M. S.R. Carpenter, D.L. Christensen⁺, K.L. Cottingham⁺, **J.R. Hodgson**, J.F. Kitchell and D.S. Schindler⁺. 1996. Biomass and timing are keys to food web effects by age-0 piscivorous fish. PEG-Workshop on "Trophic Interactions of Age-0 Fish and Zooplankton in Temperate Waters". Dresden, Germany.
25. **Hodgson, J.R.**, D.E. Schindler⁺ and J.F. Kitchell. 1996. Individual foraging specialization in largemouth bass. 76th Annual Meeting of the American Society of Ichthyologists and Herpetologists. University of New Orleans, New Orleans, Louisiana.
24. Blumenshine⁺, S.C., D.M. Lodge, **J.R. Hodgson** and J.F. Kitchell. 1996. Fish consumption on lake benthic communities: whole lake patterns. North American Benthological Society. Santa Fe, New Mexico.
23. Post⁺, D.M., J.F. Kitchell, and **J.R. Hodgson**. 1995. Recruitment of largemouth bass: Interaction of spawning date, growth rate, predation and over winter mortality. Annual Meeting of the Ecological Society of America. Snowmass, Utah.
22. Schindler⁺, D.E., **J.R. Hodgson**, and J.F. Kitchell. 1995. Density dependent foraging responses of a generalist predator: individual versus populations. Annual Meeting of the Ecological Society of America. Snowmass, Utah.
21. Blumenshine⁺, S., D.L. Lodge, X. He, **J.R. Hodgson**, and J.F. Kitchell. 1994. Truncated trophic interactions in the littoral zone of temperate lakes. 42nd North American Benthological Society. University of Florida, Orlando, Florida.
20. **Hodgson, J.R.**, D.E. Schindler⁺, and J.F. Kitchell. 1994. Density dependence of predator diet selection. 123rd Annual Meeting the Amer. Fisheries Society. Halifax, Nova Scotia, Canada.
19. **Hodgson, J.R.** 1994. Trophic cascade in lakes. Institute of Marine Sciences. The University of the Philippines-Diliman, Quezon City, Philippines.
18. Post⁺, D.M. S.R. Carpenter, D.L. Christensen⁺, K.L. Cottingham⁺, **J.R. Hodgson**, J.F. Kitchell and D.S. Schindler⁺. 1994. Recruitment variability in largemouth bass: Implications for food web and population level responses. Midwest Fish and Wildlife Conference, Indianapolis, Indiana.

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17. **Hodgson, J.R.**, X. He⁺, J.F. Kitchell. 1993. Diet overlap and home site fidelity in a piscivorous community. The 73rd Annual Meeting of the American Society of Ichthyologists and Herpetologists. University of Texas, Austin, Texas.
16. He⁺, X., J.F. Kitchell, **J.R. Hodgson** and R.A. Wright⁺. 1992. Piscivory and planktivory in experimental lakes: predation, cannibalism, competition, and behavior responses. Annual Meeting of The American Society of Limnology and Oceanography. University of New Mexico, Albuquerque, New Mexico.
15. Kitchell, J.F., S.R. Carpenter, **J.R. Hodgson**, X. He⁺, and P.A. Soranno⁺. 1992. Phosphorus in food webs: Compensatory responses in experimental lakes. XXV SIL Congress, Barcelona, Spain.
14. **Hodgson, J.R.**, X. He⁺, J.F. Kitchell, and R.A. Wright⁺. 1992. Growth and diet composition of largemouth bass in four experimental lakes. XXV SIL Congress, Barcelona, Spain.
13. He⁺, X., J.F. Kitchell, **J.R. Hodgson**, and D.E. Schindler⁺. 1992. Applications of bioenergetics models in food web research: Estimates of predation effects on nutrient recycling rates. 122nd Annual Meeting of the American Fisheries Society. Rapid City, South Dakota.
12. Schindler⁺, D.E., J.F. Kitchell, X. He, **J.R. Hodgson**, S. R. Carpenter. 1992. Food web structure, vertical migration, and phosphorus regeneration in lakes. 122nd Annual Meeting of the American Fisheries Society. Rapid City, South Dakota.
11. **Hodgson, J.R.**, X. He⁺, and J.F. Kitchell. 1992. Niche structure and competition in a piscivorous community: Perspective from utilization of food and space. Gutshop '92. Orcas Island, Washington. (poster).
10. Soranno⁺, P.A., S.R. Carpenter, D.Z. Benkowski⁺, and **J.R. Hodgson**. 1989. *Daphnia* demography and planktivory during 5 years of whole-lake manipulation. Ecological Society of America. Toronto, Canada.
9. **Hodgson, J.R.** and P.A. Cochran. 1988. Undergraduate instruction in riverine ecology: ILLI supported experimentation in undergraduate science education. Annual Meeting of the American Institute of Biological Sciences. University of California-Davis, Davis, California.
8. **Hodgson, J.R.** and P.A. Cochran. 1987. The effect of sampling methodologies on diet analyses in largemouth bass (*Micropterus salmoides*). XIII SIL Congress, Hamilton, New Zealand.

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7. Kitchell, J.F., S.R. Carpenter, and **J.R. Hodgson**. 1986. Cascading Trophic interactions: Evidence from whole-lake manipulations. 116th Annual Meeting of the American Fisheries Society, University of Rhode Island, Rhode Island.
6. Lodge, D.M., **J.R. Hodgson**, S.R. Carpenter, and J.F. Kitchell. 1985. Role of fishes in the distribution and deposition of recent sediments. Ecological Society of America/American Society of Limnology and Oceanography joint meetings, University of Minnesota, Minneapolis, Minnesota.
5. **Hodgson, J.R.** and J.F. Kitchell. 1983. Opportunistic foraging in largemouth bass. Annual meeting of the Associates of the Center for Limnology, The University of Wisconsin-Madison Kemp Station. Wisconsin.
4. **Hodgson, J.R.** and J.F. Kitchell. 1983. Opportunistic foraging in largemouth bass (*Micropterus salmoides*). 113th Annual American Fisheries Society, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin.
3. **Hodgson, J.R.** 1981. Optimal foraging and diet breadth of monoculture populations of largemouth bass. Visiting Scholars Program, Western Michigan University, Kalamazoo, Michigan.
2. **Hodgson, J.R.** 1980. Zooplankton dynamics as influenced by size selective predation by largemouth bass in lakes Peter and Paul. Dept. of Zoology, University of Wisconsin, Madison.
1. **Hodgson, J.R.** 1980. Preliminary results and research design related to the lakes Peter and Paul predator/prey investigation. University of Wisconsin Trout Lake Research Station, Boulder Junction, Wisconsin.

Student Presentations (Day of Celebration of Student and Faculty/Staff Collaborations).

19. Harrington, D., C. Gusman, S. Bilokhatnuik, R. Agarwal, **J. Hodgson**, and T. Maki. 2011. Fish research database management system: Transitioning from legacy system to a modern application. St. Norbert College.
18. Brosseau, C. and **J. Hodgson**. 2011. Changing Growth rates as result of a top down manipulation. St. Norbert College.
17. Brosseau, C. and **J. Hodgson**. 2011. Sampling implications from a comparative analysis of largemouth bass diets (pelagic vs. littoral). St. Norbert College.
16. Matthys, A. and **J. R. Hodgson**. 2010. Diet changes in pumpkinseed sunfish in response to increased piscivory. St. Norbert College.

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15. Gabrielse, A., C. Brosseau, **J. Hodgson**, and A. Choudhury. 2010. Diet electivity in five species of fish from the West Twin River, Wisconsin. St. Norbert College.
14. Dougherty, M. and **J. Hodgson**. 2009. Foraging optimization of pumpkinseed sunfish. St. Norbert College.
13. Farrel, A. and **J. Hodgson**. 2009. Zooplankton diel vertical migrations as impacted by visual and tactile predation. St. Norbert College.
12. Fliss K. and **J. Hodgson**. 2009. A comparison of two biotic indices used in the assessment of stream water quality. St. Norbert College.
11. Gray, V., Szczepanski S., M. Olson, and **J. Hodgson**. 2009. The feasibility and benefits of a green science building. St. Norbert College.
10. Hoffman, A. and **J. Hodgson**. 2009. Effects of green house gases on the soil moisture of aspen stands. St. Norbert College.
9. Provost, M. and **J. Hodgson**. 2007. Impact of lake size on diet diversity of largemouth bass. St. Norbert College.
8. Rick, A. and **J. Hodgson**. 2007. Diet specialization in largemouth bass. St. Norbert College.
7. Grebliunas, B., C. Piette, A. Choudhury and **J. Hodgson**. 2006. Age class diet ontogeny and associated parasites in *Lepomis macrochirus*. St. Norbert College.
6. Hansen, E., and **J. Hodgson**. 2006. Lake size and the diet of largemouth bass. St. Norbert College.
5. Hoffmann, S., Brendt, B., Hansen, E., and **J. Hodgson**. 2005. The biodiversity of nocturnal neotropical lepidopterans. St. Norbert College.
4. Jenewein, K., Hansen, E. and **J. Hodgson**. 2005. Lake size and diet diversity of largemouth bass, *Micropterus salmoides*, in north temperate lakes. St. Norbert College.
3. Richards, L., M. Yamada, A. Mallek, J. Velkoverh and **J. Hodgson**. 2005, Biodiversity of lower montane rainforest anurans of Panamá. St. Norbert College.
2. Beuchel, J., A. Choudhury, and **J. Hodgson**. 2004. Fish parasite community from UNDERC lakes. St. Norbert College.
1. Levas, C. and **J. Hodgson**. 2004. Description of a new cichlid species from Central America. St. Norbert College.

Student Presentations (published abstracts; under Hodgson's direction):

41. Piette, C. and B. Greblinas. 2006. A population analysis: growth rate, diet and parasite fauna of *L. macrochirus* in Lily Lake, WI. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Monmouth College, Monmouth, Illinois. (poster)
40. Hansen, E. 2006. Effect of lake size on the diet diversity of largemouth bass, *Micropterus salmoides*. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Monmouth College, Monmouth, Illinois. (poster; Johnson Award for excellence in undergraduate research)
39. Hoffman, S., M. Ribikawskis, I. Gorman, B. Wendt, and Elsa Hansen. 2005. The biodiversity of nocturnal neotropical lepidopterans. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. University of Wisconsin-Green Bay, Green Bay, Wisconsin. (poster).
38. Jenewein, K. and Elsa Hansen. 2005. Lake size and diet diversity of Largemouth Bass, *Micropterus salmoides*, in North Temperate lakes. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. University of Wisconsin-Green Bay, Green Bay, Wisconsin.
37. Richards, L., M. Yamada, A. Mallek and J. Velkoverh. 2005. Biodiversity of lower montane rainforest anurans of Panamá. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. University of Wisconsin-Green Bay, Green Bay, Wisconsin. (poster).
36. Hoffman, B. and Z. Baseman. 2003. Moth diversity in a rain forest. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society, St. Xavier University, Chicago, Illinois.
35. Jenewein, E., N. Kraus, C. Leach and N. Schweitzer. 2003. Analysis of the jaw morphology of coral reef fishes. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society, St. Xavier University, Chicago, Illinois.
34. Beuchel, J., C. Levas, M. Donovan and M. Beuchel. 2003. A potential new species of cichlid from the Maje River, Panama. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society, St. Xavier University, Chicago, Illinois.
33. Charipar, E. 2002. Unusual foraging Behavior on *Chaoborus* by largemouth bass, *Micropterus salmoides* in a small lake. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
32. Heath, E. N. Schill, T. Kuhn, M. Rusch, and M. Crow. 2002. The Biodiversity of nocturnal neotropical lepidopterans. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
31. Rusch, M. and M. Crow. 2002. Fruit Island Biogeography. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.

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30. Johnson, S. and L. Knauf. 2002. A cultural comparison on gender and touching among Americans, Kuna Indians, and Embera Indians. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
29. Perryman, M. L. Knauf, M. Crow, and A. Pesek. 2002. Comparative study of cardiovascular fitness and lung capacity in male Kuna Indians and male St. Norbert College students. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
28. Heath, E. 2002. The effect of leaf-feeding beetles (*Galerucella spp.*) on purple loosestrife (*Lythrum salicaria*). The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
27. Davidson A., M. Perryman and L. Knauf. 2002. Calcium, potassium and magnesium cycling in a Panama rain forest. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Lake Forest College, Lake Forest, Illinois.
26. Barritt, A.K., E.M. Charipar, C.G. Saites, C.S. Schaning and M.A. Schelble. 2001. Analysis of feeding guilds according to jaw morphology of various coral reef fishes. 28th Annual Undergraduate Research Symposium and The Central Convention of $\beta\beta\beta$ Biological Honors Society, St. Mary's University, Winona, Minnesota.
25. Frymark, J., B. Berken, B. Perryman, and D. Klick. 2001. Insect diversity of a montane rain forest in Panama. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin.
24. Barritt, A.K., E.M. Charipar, C.G. Saites, C.S. Schaning and M.A. Schelble. 2001. Analysis of feeding guilds according to jaw morphology of various coral reef fishes. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin.
23. Schelbe, M., A.K. Barritt, C.S. Schaning, E.M. Charipar, and E. Glime. 2001. Comparative study of fitness levels of the male Kuna Indians and St. Norbert College athletes and non-athletes. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin.
22. Noth, A., B. Nims and E. Glime. 2001. Macroinvertebrate stream communities of a premontane forest in Panama. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin.
21. Charipar, B. and J.Y. Hodgson. 2001. Piscivorous niche expansion by largemouth bass in a temperate lake. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin. *Second place Frank G. Brooks Award for Excellence in Student Research.*

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20. Podlaha, O. and J.Y. Hodgson. 2001. Herbaceous understory and canopy relationship analysis in a northeastern forest. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. Carrol College, Milwaukee, Wisconsin.
19. Wittman, S. B. Haworth, D. Hibbard, K. Martin, K. Mazur, and T. Wulff. 2000. A comparison of arthropod diversity of three variably disturbed habitats in a Panamanian rain forest. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
18. Nicoud, I., N. Doyle, and B. Claas. 2000. Fungistatic properties of *Bufo marinus* toad venom regarding *Candida albicans*. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
17. Skeleton, S. 2000. Using macroinvertebrates to assess water quality of eight inlet streams. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
16. Haworth, B., I. Jarrett, K. Martin and K. Mazur. 2000. A comparison study of sediment load and composition in Panamanian streams through grazed-land and undisturbed areas in tropical rain forests. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
15. Wulff, T. I. Jarrett and C. Reno. 2000. Jaw morphology of coral reef fish in San Blas, Panama. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
14. Bodi, M., B. Haworth, L. King and K. Martin. 2000. Biodiversity and ecotourism in Panama. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
13. Haworth, B. 2000. The influence of water clarity and competition upon largemouth bass diet breadth. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
12. Hibbard, D., B. Claas, M. Clifford, M. Bodi, L. King, and C. Reno. 2000. A comparison of visual acuity and color deficiency testing of adolescents in the United States and Panama. 27th Annual Undergraduate Research Symposium. St. Mary's University, Winona, Minnesota.
11. Cinotte, T., R. Burns, P. Filar, H. Harbach, J. Peterson and M. Smit. 1999. Study of visual acuity, color blindness and vital capacity among several indigenous villages located within the rainforests of Panama. 26th Annual Undergraduate Research Symposium in Biology, St. Mary's University, Winnoa, Minnesota.

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10. Smit, M., T. Cinotte, J. Peterson and K. Rodgers. 1999. Nocturnal and diurnal diversity of ground-dwelling, forest edge arthropods at Nusigandi, Panama. 26th Annual Undergraduate Research Symposium in Biology, St. Mary's University, Winnoa, Minnesota.
9. Linder, A.A., J.M. Wiernasz and M.N. Levas. 1999. Examination of neotropical forage fish at Red Snapper Island, Panama. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. North Central College, Naperville, Illinois. (poster)
8. Czajkowski, N., E. Miller and K. Rogers. 1999. Jaw morphology of some tropical fish in reference to foraging mechanisms. The North-Central Convention of $\beta\beta\beta$ Biological Honors Society. North Central College, Naperville, Illinois. (poster)
7. Geiger, J. Survey of zebra mussel (*Dreissena polymorpha*) colonization in Northcentral Wisconsin. 1998. The North-Central Regional Convention of $\beta\beta\beta$ Biological Honors Society. St. Norbert College, De Pere, Wisconsin.
6. Witt, E., G. Kinder, A. Mollen, and A. Jaskolski. 1998. High-elevation foraging performance of the *Atta* sp. leaf-cutting ant. The North-Central Regional Convention of $\beta\beta\beta$ Biological Honors Society. St. Norbert College, De Pere, Wisconsin.
5. Mollner, K., J. Delleman, T. Helbing, and J. Arendt. 1997. Comparison of muscle length and diameter of forest frogs and north temperate frogs. The North-Central Regional Convention of $\beta\beta\beta$ Biological Honors Society. University of Wisconsin-Whitewater, Whitewater, Wisconsin.
4. Branback, L., K. Weber, and S. Bauman. 1996. How much is too much? The pressures faced by the Kuna Indians as ancient traditions competes with western ideals. Wisconsin Institute: A Consortium for the Study of War, Peace and Global Cooperation, Student Conference. St. Norbert College, De Pere, Wisconsin.
3. Seme, M. and K. Schnitker. 1993. Zooplankton of Lake Gatun, Panama with a comparison to north temperate lakes. The North-Central Regional Convention of $\beta\beta\beta$ Biological Honor Society, St. Norbert College De Pere, Wisconsin.
2. Leisten, A. 1993. Size and species selectivity of odonates among largemouth bass (*Micropterus salmoides*), bluegill sunfish (*Lepomis macrochirus*), and smallmouth bass (*M. dolomieu*) of four lakes of Gogebic County, Michigan. The North-Central Regional Convention of $\beta\beta\beta$ Biological Honor Society, St. Norbert College, De Pere, Wisconsin .
1. Nowak, J., K. Rohe, and T. McElhorne. 1993. A comparison of tropical and temperate odonate communities (poster). The North-Central Regional Convention of $\beta\beta\beta$ Biological Honors Society, St. Norbert College De Pere, Wisconsin.

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Senior Thesis Students:

James Schmidt (75), Mike Reed (78), Paul Anders (82), Stacy Lyden (82), Peter Pavalko (86), Chris Worley (86), Mary Sobota (87), Scott Brooks (89), John Rafferty (91), John Czajkowski (91), Jennifer Nowak (92), Myke Kinsella (92), Kris Von Dongon (93), Toni Remondini (93), John Weber (94), Lynn Asleson (94), Nancy Karls (94), Melissa Karls (95), Jennifer Ward (95), Erik Danielson (95), Krissy Weisgerber (96), Chris Natoli (96), Joe Gieger (97), Elisabeth Witt (97), Brennen Haworth (00), Sarah Skeleton (00) Andrej Podlaha (01), Kim La Luzerne (01), Andy Noth (01), Eddie Heath (02), Elizabeth Charipar (03), Joann Dickinson (03), Stacy Bains (05), Elsa Hansen (06), Charlie Piette (06), Mikaela Provost (07), Allison Rick (08), Matthew Panure (08), Matthew Dougherty (09), Andrew Farrell (09), Kristina Fliss (09), Stacy Szczepanski (09), Alex Hoffman (10), Anthony Matthys (10), Austin Gabrielse (10), Chase Brosseau (11).

Committee Service at the College: (1970 to present)

Education by Objective (EBO; Freshman Seminar) Planning
Planning Council
Curriculum and Educational Policy (two terms)
Business and Finance (Presidential appointment)
Nominations and Elections
Faculty Personnel (Chair, 1982)
College Community Relations Board (alternate)
Natural Sciences Advisory Council
Environmental Science Major Design (Chair)
Library Advisory
President Search and Screen
General Education and Honors
Faculty Advisory Council
Faculty Parliamentarian
Library Director Search and Screen (two terms)
International Center Coordinating Committee
Global Ecology Committee
Peace and Justice Advisory Committee
International Studies Advisory Committee
Philippines Study Advisory Committee
Science Building Renovation (Curricular Reform) group
Numerous *ad hoc* committees (i.e., Committee on Internships and, Cooperative Education, Institute for Research and Contemporary Studies, General Education Program Evaluation, NEH Grant Proposal

Design and Drafting subcommittees, Cascidy and Associates planning committee, steering committee for the International Center, and others).

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Other Service to the College:

Chair of the Division of Natural Sciences (1983 to 1997)
Mock Congressional Sessions (panelist, five years)
Moderator: James Watt - Hugh Kaufman environmental debate
Food for Thought series: 1) Student field trips, 2) Faculty-student collaborative research projects
3) Peru: the Ultimate Adventure.
College Community Meeting speaker: NSF Renovation grant (1994); Kresge grant (1997).
Discussion Leader for Book Discussion Study Group.
Speaker: International Center, Global Ecology Series, International Forums
Guest lecturer at the College (Business Ethics, Environmental Ethics, International Studies,
North South Relations, various religion courses).
Speaker: The Dean's Honors Dinner, 1991
Speaker in Last Lecture Series (*Can We Win the Race to Save the Planet?*), 1993
Dean's Hour presentation (World Hunger), 1996
Faculty Advisor for βββ National Honor Society in Biology
North Central Region District Director of βββ Honor Society 2000-2007
Coordinator for Environmental Policy major, 2000
Alumni College – Global warming short course, 2007

Professional Activities in the Local and Scholarly Community:

Professional Environmental Impact Studies.
Presentations to various service and related groups (i.e., Optimist and Rotary Clubs, local
elementary schools, veterans groups, etc.).
Legal consulting (expert witness in science/environmentally related concerns).
Local environmental consulting (habitat evaluations).
Provided various radio (Wisconsin Public Radio) and newspaper interviews on environmental
concerns (i.e., acid rain, wetland preservation issues, Great Lakes' issues).
Participant, National Science Foundation Chautauqua Short Course (Alternative Energy
Technologies), 1979.
Fellow, Center for Limnology, University of Wisconsin, Madison. 1980-present.
Participant, University of Wisconsin-Madison Sea Grant Institute Workshop on Bioenergetics
Modeling (certificate), 1987.
Review Panelist, National Science Foundation, Instrumentation and Laboratory Improvement
(ILI) Program, 1988.
Journal article reviewer: Canadian Journal of Fisheries and Aquatic Sciences, African Journal of
Zoology, Ecology of Freshwater Fish, Transactions of the American Fisheries Society,
Journal of Fish Biology, Hydrobiologia, Bios, Zoological Studies.
Advisory Board, Lake Michigan Federation. 1988-91.
Technical Advisory Board for the Clean Water Action Council, 1993-present
Brown County University Extension's Strategic Planning Advisory Committee and Executive
Committee, 1991.

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Science and Technology Advisory Committee (STAC) for the Public Advisory Committee (PAC) of the Lower Green Bay and Fox River Remedial Action Plan (RAP); Wisconsin Department of Natural Resources, 1991-present; Chair, 1993-95.
Public Advisory Committee (PAC) Vice Chair, 1994-95. Reappointed Vice Chair, 1996
Grant proposal evaluator: National Science Foundation (Ecosystem Studies Cluster, DEB), 1992, 1995, 1996, 1997, 1999, 2000-10.
Reviewer for The Netherlands Foundation for the Advancement of Tropical Research (WOTRO).
Reviewer for the Austrian Science Fund, 2010, 2011.
Conference Planning Committee, International Association of Great Lake Researchers 1993 meeting at St. Norbert College.
Have written guest editorials, commentaries and columns for the *Green Bay Press Gazette*.
Interviewed for the Perspectives on the Millennium for the *Green Bay Press Gazette*.
Organization committee for Habitat Restoration in the Lower Green Bay and Fox River (STAC of the Green Bay and Fox River PAC).
Participant in Project Kaleioscope Workshop (National Science Foundation's Facilities for Undergraduate Science and Mathematics program; University of Richmond), 1994.
Keynote Speaker: Bemis International Center, "Ecotourism as a type of sustainable development, 1996; Great Decisions (Global Warming), 2007.
Member: Science and Environment Advisory group for *Green Bay Press Gazette*.
Participant: National Endowment for the Humanities supported discussion on racial matters.
Technical Advisory Group: Fox-Wolf Basin 2000.
Member: Land Use Task Force for Renard Isle and Bayport Spoil Disposal Sites.
Evaluator: Science Curriculum for Weyauwega-Fremond School District, 1996.
Grants Reader: Funds for the Improvement of Postsecondary Education (FIPSE), 1996.
Conference Committee Chair of Wisconsin Academy of Science, Arts and Letters 128th Meeting, St. Norbert College, Wisconsin, 1998.
Keynote Speaker: North-Central Regional Convention of $\beta\beta\beta$ Biological Honors Society meeting, St. Norbert College, 1998.
Member of the Ecological Studies Cluster Committee of Visitors for the National Science Foundation, 1998.
Presenter (with C.J. Hodgson): *Beneath the Canopy: The Rain forests of Panama and Peru*. Butterfly Books, De Pere, Wisconsin, 1998, 1999 (program for elementary students)
Participant at Conferencia Internacional "Turismo Patrimonial para el Proximo Milenio", Panama City, Republic of Panama. 1998 (invited: AAAS & Smithsonian Tropical Research Institute and Panamian government; IPAT).
Textbook review, WCB/McGraw-Hill.
Member of Strategic Data Acquisition Task Force, 2000.
Speaker: Conference on "Climate Change Campaign for Religious Communities." The Wisconsin Interfaith Council.
Session Chair: SNC-Nihon University International Symposium (Science, Technology, and Environment).
Member: Green Bay Fisheries Research Group, U.S. Fish and Wildlife Service.

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Exchange professor at the University of the Philippines-Dilman, (Manila), Philippines, Nov.-Mar., 2003-04.

Invited attendee of US EPA Ecosystems Evaluation Methods meeting, Bloomington, Indiana. 2004.

Invited speaker, Door County Auditorium program, Distinguished Lecturer series. 2005.

Participant in NSF sponsored program on teaching (New Approaches and Techniques for Teaching Science: Addressing Environmental Problems to Stimulate Undergraduate Learning), Northland College, 2005

Outside tenure evaluator: Franklin and Marshall College, Lancaster, PA, 2005.

Outside tenure evaluator: Bard College, Annandale-on-Hudson, NY, 2010.

Promotion review –Universiti Sains Malaysia, 2009.

Co-leader (with Carol Hodgson) of the ecotour to the Manu Biospheric Reserve and National in Perú, Center for International Education, St. Norbert College (7 trips).

Green Bay Community Dialogues (Participant). A series of readings and conversations funded by the National Endowment for the Humanities using insights of the humanities to stimulate discussions combining diversity with unity.

De Pere Beautification Committee (Member) 1999-2001

Presented global warming talks at the Norbertine Mission at Santa Clotilda, Peru, 2007.

Presenter with C.J. Hodgson, Travel an Educational Adventure. St. Norbert College Women's Enrichment Series 2009

Awards and Honors:

National Science Foundation Traineeship (graduate student), 1968-70.

Member Delta Epsilon Sigma National Honor Society.

Member Beta Beta Beta, Biological National Honor Society.

Member Phi Beta Delta Honor Society for International Scholars

Member Sigma Xi National Honor Society

Tribal member (honorary): La Maje Emberá Nation of Indians, Maje, Panama, C.A., 1998.

Listed as one of the 100 most interesting personalities of the century in Northeastern Wisconsin, *Green Bay Press Gazette*.

Nominated for Clean Bay Backer Award (Public Advisory Committee of the Green Bay and Fox River Remedial Action Plan), 1994.

Nominated for The Nubbie Awards Educator Award, St. Norbert College 1998, 1999.

Nominated by the College to the National Science Foundation as a Distinguished Teaching Fellow, 2006.

Nominated by the College as a Fellow of the Wisconsin Academy of Sciences, Arts, and Letters, 2008.

Competencies/Professional Licenses/Certifications/Registrations

CPR certification

Bioenergetics modeling, shortcourse certificate (U.W.- Madison)

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National Science Foundation: New Approaches and Techniques for Teaching Science:
Addressing Environmental Problems to Stimulate Undergraduate Learning
Chautauqua Short Course (Alternative Energy)

Sabbatical Leaves and Leaves of Absence: (projects and dates)

1980: Sabbatical Leave, University of Wisconsin Madison, Center for Limnology [Studies in aquatic ecology (trophic interaction of largemouth bass in whole lake experiments)]
1998: Sabbatical (in house): course development and sustainable development project with Kuna Nation of Indians, Panama, CA.

Courses Taught on a Regular Basis:

(1970 to present; * presently taught)

BI 110 Life Science	BI 338 Limnology *
BI 111 Zoology	BI 371 Systemic Physiology
BI 120 General Biology I	BI 428 Advanced Ecology*
BI 121 General Biology II	BI 450 Special Topics (Mammalogy)*
BI 220 Vertebrate Biology I	BI 499 Senior Thesis *
BI 221 Vertebrate Biology II	BI 495 Independent Study
BI 225 Vertebrate Natural History	ES 300 Environmental Science *
BI 228 Ecology*	DH 100 Introduction to Humanities
BI 310 Tropical Biology*	ID101 Freshman Seminar
DN 354 Natural History Field Studies (Hawaii, Belize, Guatemala, Costa Rica, Panama, 18 trips)*	

Other:

Olympics (Odyssey) of the Mind coaching (De Pere High School) 1987-88.
Service on various subcommittees for De Pere School Board.

Foreign travel:

Andorra, Argentina, Austria, Belgium, Belize, Bosnia, Botswana, Brunei, Bulgaria, Cambodia, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Dominica, Dominican Republic, Ecuador, Egypt, England, Estonia, Fiji, Finland, France, Germany, Grenada, Guatemala, Hong Kong, Hungary, Iceland, India, Ireland, Italy and Sicily, Japan, Jordan, Kazakhstan, Kenya, Kyrgyzstan, Latvia, Lithuania, Malaysia, Mexico, Monaco, Mongolia, Montenegro, Namibia, Nepal, Morocco, New Zealand, Nicaragua, Panama (13 trips including the Darien Gap), Peru (8 times including Rio Manú and Rio Napo), Poland, Puerto Rico, Romania, Russia, Sabah, Sarawak, Serbia, Singapore, Slovenia, South Africa, South Korea, Spain, St. Croix, St. Kitts, St. Lucia, Tajikistan, Tanzania, Thailand, The Netherlands, The Philippines, The Vatican, Tobago, Turkey, Turkmenistan, United Arab Emirates, Uruguay, Uzbekistan Vietnam, Zambia, Zimbabwe.

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Grant History:

<i>Year</i>	<i>Funding Agency</i>	<i>Grant Title</i>	<i>Amount</i>
• 2010	NSF ¹	REU Supplement to Collaborative Research: Leading Indicators of Regime Shifts – an Ecosystem Experiment (RUI).	\$6,850
• 2009	NSF ¹	REU Supplement to Collaborative Research: Leading Indicators of Regime Shifts – an Ecosystem Experiment (RUI).	\$6,000
• 2008	NSF ¹	REU Supplement to Collaborative Research: Leading Indicators of Regime Shifts – an Ecosystem Experiment (RUI).	\$7,000
• 2008-10	NSF ¹	Collaborative Research: Leading Indicators of Regime Shifts – an Ecosystem Experiment (RUI) (with UW- Madison and IES).	\$88,710
• 2007	NSF ¹	REU Supplement to Collaborative Research: Terrestrial Carbon Subsidies of Aquatic Food Webs, RUI: DEB-Ecosystems.	\$6,000
• 2006	NSF ¹	REU Supplement to Collaborative Research: Terrestrial Carbon Subsidies of Aquatic Food Webs, RUI: DEB-Ecosystems.	\$6,000
• 2005	NSF ¹	REU Supplement to Collaborative Research: Terrestrial Carbon Subsidies of Aquatic Food Webs, RUI: DEB-Ecosystems.	\$6,000
• 2004	NSF ¹	REU Supplement to DEB 00-75111 Collaborative Research: Alternative Carbon Sources for Lake Food Webs.	\$6,000
• 2004-07	NSF ¹	Collaborative Research: Ecosystem Size and Terrestrial Carbon Subsidies of Lake Food Webs (RUI).	\$110,930

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• 2004	SNC ²	Faculty development grant: Supplement to travel to SIL (Society of International Limnology) Congress in Lahti, Finland.	\$500
• 2004	SNC ²	Dean's Professional Development Grant; Supplement to travel to SIL Society of International Limnology) Congress in Lahti, Finland.	\$500
• 2003	NSF ¹	REU Supplement to DEB 00-75111 Collaborative Research: Alternative Carbon Sources for Lake Food Webs.	\$6,044
• 2002	NSF ¹	REU Supplement to DEB 00-75111: Collaborative Research: Alternative Carbon Sources for Lakes Food Webs (with UW-Madison and IES).	\$6,050
• 2002	USDOE ³	Enhancing Field-Based Teacher Training (Congressional Set-Side: with T. Flood, B. Berken, R. Riggle, B. Delano-Oriaran).	\$50,000
• 2002	SNC ²	Microscope Acquisition Request for an Aquatic Biology Laboratory (Strategic Funding; with A. Choudhury).	\$25,000
• 2001-03	NSF ¹	Collaborative Research: The Fate of Dissolved Organic Carbon in Trophic Dynamics in Lake Ecosystems (with UW- Madison and IES).	\$86,495
• 2001	NSF ¹	REU Supplement to DEB 00-75111: Collaborative Research: Alternative Carbon Sources for Lakes Food Webs (with UW-Madison and IES).	\$6,000
• 2001	NSF ¹	Acquisition of Electrofishing and Multi-parameter Water Sampling Instrumentation.	\$82,254
• 2000	NSF ¹	Alternative States and Ecosystems Metabolism in Lakes: Interactions of Nutrients and DOC (extension UW-Madison).	\$3,000
• 2000	U.S.EPA ⁴	Herbaceous plant Survey of the Stockbridge – Munsee Indian Reservation.	\$23,599

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● 2000	SNC ⁷	Granted to Ondrej Podlaha in support undergraduate thesis (Can analysis effectively RAPDP discriminate between species of <i>Peromyscus?</i>) (co-directed with Russ Feirer).	\$2,450
● 2000	WPSC ⁵	Grand Rapids Macroinvertebrate Survey.	\$4,448
● 1999	NSF ¹	Alternative States and Ecosystem Metabolism in Lakes: Interactions of Nutrients and DOC (extension- UW Madison).	\$15,000
● 1999	SNC ⁶	Granted to B. Haworth in support of an undergraduate thesis: (The Affect of Dissolved Organic Compounds and Water Clarity on Diet Breadth of Largemouth Bass).	\$1,000
● 1998	SNC ²	Travel funds to attend SIL Congress in Dublin, Ireland.	\$500
● 1997	Banta Corporation	Laboratory equipment (research quality microscopes; with John Phythyon).	\$15,000
● 1997	Kresge Foundation	Scientific equipment for microbiology, genetics & limnology. Science Initiative Program.	\$500,000
● 1996-98	NSF ¹	Alternative States and Ecosystem Metabolism in Lakes: Interactions of Nutrients and DOC. (subcontract with UW-Madison).	\$83,998
● 1996	SNC ²	Multi-year Diet Analysis of Largemouth Bass (<i>Micropterus salmoides</i>). (student: Lori Schacht).	\$1,000
● 1996-98	Johnson Controls	Laboratory Equipment for Advance Biology Lab Microscopes (with J. Phythyon).	\$15,000
● 1996	NSF ¹	Fostering an Ecosystem Initiative with a Watershed Perspective (ILI equipment grant: co-authored with P. Cochran, N. Ham, D. Poister) (includes SNC matching funds).	\$79,025

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● 1995	W.M.Keck Foundation	Environmental Laboratory Equipment Enhancement.	\$125,000
● 1994	NSF ¹	Renovation of John Minihan Science Hall (Office of Science and Technology Infrastructure; includes matching funds).	\$413,498
● 1993	Fulbright-Hays	Southeast Asian Emerging Project (J. Holder, Principle grant drafter).	\$4,400
● 1992	SNC ⁶	Granted to John Rafferty in support of an undergraduate thesis:(Benthic Community of the Lower Fox River).	\$2,000
● 1991-95	NSF ¹	Interaction of Nutrient Status and Food Web Structure in the Regulation of Lake Ecosystems. (subcontract with UW-Madison).	\$239,039
● 1990	CAPHE ⁷	Globalization of the College Curriculum (an implementation grant with R. Boyer, E. King, and S. Lang; S. Brickner and S. Lang; S. Brickner principle investigator).	\$37,000
● 1989	CAPHE ⁷	Globalization of the College Curriculum (a planning grant with R. Boyer, E. King, and S. Lang).	\$10,000
● 1988	NSF ¹	Research Experiences for Undergraduates (REU) Program (Supplemental to Cascading Trophic Interactions and the Variance of Lake Ecosystem Productivity: A Collaborative Research Program).	\$6,078
● 1987-90	NSF ¹	Cascading Trophic Interactions and the Variance of Lake Ecosystem Productivity: A Collaborative Research Program. (subcontract with UW-Madison).	\$85,367
● 1987	NSF ¹	Undergraduate Instruction in Riverine Ecology (CSIP grant; includes matching funds, with P. Cochran).	\$20,209
● 1985-86	NSF ¹	Supplement to: Cascading Trophic Interactions in Lake Ecosystems (with P. Cochran).	\$14,658

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● 1985	U.S.DOE ³	Internationalization of the Environmental Science (Title 6) Course (DN 300).	\$500
● 1984-86	NSF ¹	Cascading Trophic Interactions in Ecosystems. (subcontract with UW- Madison).	\$29,979
● 1983	U.S.FWLS ⁸	Sea Lamprey Populations in the Fox River.	\$1,400
● 1983	SNC ⁹	Limnology of a Clear-Water Acid Lake.	\$4,800
● 1980	NSF ¹	Science Faculty Professional Development.	\$5,981
● 1980-81	NSF ¹	Predator-Prey Interactions in Experimentally Manipulated Lakes.	\$8,380
● 1979	NSF ¹	Chautauqua Short Course (Alternative Energy)	\$1000
● 1973-85	W DNR ¹⁰	Monitoring Ambient Air Quality.	\$11,164
1973-2010		Total amount	\$2,276,806

¹ NSF: National Science Foundation

² SNC: St. Norbert College, Office of Faculty Development: Student-Faculty Collaborative Research Program

³ DoE: U.S. Department of Education

⁴ U.S.EPA: United States Environmental Protection Agency

⁵ WPSC: Wisconsin Public Service Corporation

⁶ SNC: St. Norbert College, Anselm M. Keefe Science Scholarship

⁷ CAPHE: Consortium for the Advancement of Private Higher Education

⁸ USFWS: U.S. Fish & Wildlife Service

⁹ SNC: St. Norbert College, Praemonstratensian Fathers of St. Norbert Abbey

¹⁰ WDNR: Wisconsin Department of Natural Resources

