

## **Barbara A. Knuth**

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### ***Education***

Ph.D., Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 1986. Dissertation topic: A fisheries and wildlife resource indicator system for use in natural resource management.

M.En., Environmental Science, Concentration in Applied Ecology, Miami University, Oxford, Ohio, 1982. Thesis topic: A comparative study of resource partitioning between Ochrotomys nuttalli and Peromyscus leucopus.

B. Phil., Interdisciplinary Studies, Concentration in Environmental Studies, cum laude, Miami University, Oxford, Ohio, 1980. Senior Thesis topic: Wilderness as a form of land use: Issues relating to the Alaska National Interest Lands controversy.

A.B., Zoology, cum laude, Miami University, Oxford, Ohio. 1980.

### ***Professional Experience***

Senior Associate Dean, 2007-present, College of Agriculture and Life Sciences, Cornell University.

Chair, 2002-2007, Department of Natural Resources, Cornell University.

Professor of Natural Resource Policy and Management, 2001-present, Department of Natural Resources, Cornell University.

Associate Professor of Natural Resource Policy and Management, 1992-2001, Department of Natural Resources, Cornell University.

Associate Director, Human Dimensions Research Unit, 1991-present, Department of Natural Resources, Cornell University.

Assistant Professor of Natural Resource Policy and Management, 1986-1992,  
Department of Natural Resources, Cornell University.

### ***Honors and Awards***

Faculty Fellow, Cornell Center for a Sustainable Future, 2009-2012.  
Gerald H. Cross Outstanding Alumni Leadership Award, Virginia Tech Department of Fisheries and Wildlife Sciences, 2007.  
Dwight A. Webster Memorial Award of Merit, Northeastern Division of the American Fisheries Society, 2006.  
*Discover* magazine's 38<sup>th</sup> top science story for 2004: Hites et al. 2004, *Science* 303: 226-229.  
Faculty Program Member of the Year, Cornell University Community Development Office, 2004.  
Phi Beta Kappa, Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta, Phi Sigma, Phi Eta Sigma, Alpha Lambda Delta, World Who's Who of Women.  
United States Department of Agriculture Food and Agricultural Sciences Excellence in College and University Teaching Award, Northeast Region, 2002.  
Participant, ESCOP/ACOP Leadership Development Program, 2000-2001.  
Distinguished Service Award, American Fisheries Society, 1999.  
Teaching Award of Merit, National Association of Colleges and Teachers of Agriculture and Cornell University College of Agriculture and Life Sciences, 1999.  
Distinguished Teaching Award, Cornell Chapter of Gamma Sigma Delta, 1999.  
Constance E. Cook and Alice H. Cook Recognition Award, Cornell Advisory Committee on the Status of Women, 1999.  
Program Achievement Award for Superior Effort to Enhance Human-Wildlife Relationships (group award to the Human Dimensions Research Unit). Jack Berryman Institute for Wildlife Damage Management, 1996.  
Outstanding Wildlife Professional Award for the Human Dimensions Research Unit (group award), New York Chapter, The Wildlife Society, 1992.  
Honorable Mention, Best Paper Award Competition, Midwest Fish and Wildlife Conference, 1989.  
Kellogg Fellow in Food and Agricultural Policy, National Center for Food and Agricultural Policy, Resources for the Future, 1987.  
Graduate Dissertation Award, Gamma Sigma Delta, Virginia Polytechnic Institute and State University, 1987.  
A.B. Massey Honorarium for outstanding performance by a graduate student, Virginia Polytechnic Institute and State University, 1985.  
Environmental Conservation Fellowship, National Wildlife Federation, 1984-1985.

## *Publications and Reports*

### **Scientific and Professional Journals**

- Gore, M.E. and B.A. Knuth. 2009. Mass media effect on the operating environment of a wildlife-related risk-communication campaign. *Journal of Wildlife Management*. 73(8): in press.
- Kretser, H.E., P.D. Curtis, J.D. Francis, R.J. Pendall, and B.A. Knuth. 2009. Factors affecting perceptions of human-wildlife interactions in residential areas of Northern New York and implications for conservation. *Human Dimensions of Wildlife*. 14: 102-118.
- Lauber, T.B., E.J. Taylor, and B.A. Knuth. 2009. Factors influencing membership of U.S. Fish and Wildlife Service and U.S. Geological Survey biologists in the American Fisheries Society. *Fisheries*: 34(1): 9-19.
- Lepak, J., H. Shayler, C. Kraft, and B. Knuth. 2009. Mercury contamination in sport fish in the Northeastern United States: Considerations for future data collection. *BioScience*. 59: 174-181.
- Gore, M.L., B.A. Knuth, C.W. Scherer, and P.D. Curtis. 2008. Evaluating a conservation investment designed to reduce human-wildlife conflict. *Conservation Letters*: 136-145.
- Kretser, H.E., P.J. Sullivan, and B.A. Knuth. 2008. Housing density as an indicator of spatial patterns of reported human-wildlife interactions in northern New York. *Landscape and Urban Planning*. 84: 282-292.
- Lauber, T.B., D.J. Decker, and B.A. Knuth. 2008. Social networks and community-based natural resource management. *Environmental Management*. 42: 677-687.
- Lauber, T.B., B.A. Knuth, J.A. Tantillo, and P.D. Curtis. 2007. The role of ethical judgments related to wildlife fertility control. *Society and Natural Resources*. 20(2): 119-133.
- Connelly, N.A., C.R. O'Neill Jr., B.A. Knuth, and T.L. Brown. 2007. Economic impacts of zebra mussels on drinking water treatment and electric power generation facilities. *Environmental Management*. 40: 105-112.
- Gore, M.L., B.A. Knuth, P.D. Curtis, and J.E. Shanahan. 2007. Campground manager and user perceptions of risk associated with negative human-black bear interactions. *Human Dimensions of Wildlife*. 12(1): 31-43.

- Gore, M.L., B.A. Knuth, P.D. Curtis, and J.E. Shanahan. 2007. Factors influencing risk perception associated with human-black bear conflict. *Human Dimensions of Wildlife* 12: 89-100.
- (Editorial) Knuth, B.A. 2006. World Council of Fisheries Societies: AFS and Other Fisheries Society Leaders Convene in Kochi, Japan. *Fisheries* 31(5): 252.
- Gore, M.L., B.A. Knuth, P.D. Curtis, and J.E. Shanahan. 2006. Education programs for reducing American black bear-human conflict: indicators of success? *Ursus*. 17(1): 75-80.
- Gore, M.L., B.A. Knuth, P.D. Curtis, and J.E. Shanahan. 2006. Stakeholder perceptions of risks associated with human-black bear conflicts in New York's Adirondack Park campgrounds: Implications for theory and practice. *Wildlife Society Bulletin*. 34(1): 36-43.
- Huang, X.Y., R.A. Hites, J.A. Foran, C. Hamilton, B.A. Knuth, S. J. Schwager, and D.O. Carpenter. 2006. Consumption advisories for salmon based on risk of cancer and non-cancer health effects. *Environmental Research*. 101(2): 263-274.
- (Letter) Foran, J.A., D.O. Carpenter, D.H. Good, M.C. Hamilton, R.A. Hites, B.A. Knuth, and S.J. Schwager. 2006. Risk and benefits of seafood consumption. Letter to the Editor. *American Journal of Preventive Medicine*. 30(5): 438-439.
- Hamilton, M.C., R.A. Hites, S.J. Schwager, J.A. Foran, B.A. Knuth, and D.O. Carpenter. 2005. Lipid Composition and Contaminants in Farmed and Wild Salmon. *Environmental Science and Technology*. 39: 8622-8629.
- Cordova, A. and B.A. Knuth. 2005. User satisfaction in large-scale, urban dry sanitation programs in Mexico. *Urban Water Journal*. 2(4): 227-243.
- Foran, J.A., D.H. Good, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2005. Quantitative analysis of the benefits and risks of consuming farmed and wild salmon. *Journal of Nutrition*. 135: 2639-2643.
- (Letter) Foran, J.A., D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2005. Dioxin-contaminated farmed salmon. Response to Comment on Risk-Based Consumption of Dioxin-Contaminated Farmed Salmon. *Environmental Health Perspectives*. 113(10): A656.
- Cordova, A. and B.A. Knuth. 2005. Barriers and strategies for dry sanitation in large-scale and urban settings. *Urban Water Journal*. 2(4): 245-262.
- (Editorial) Knuth, B.A. 2005. AFS Connections: Reflecting on the year's accomplishments. *Fisheries* 30(8): 4.

- (Editorial) Knuth, B.A. 2005. AFS Connections: International partnerships and presence. *Fisheries* 30(7): 4.
- (Editorial) Knuth, B.A. 2005. AFS Connections: What your colleagues are doing for you. *Fisheries*. 30(6): 4.
- (Editorial) Knuth, B.A. 2005. AFS Connections: Working the Hill. *Fisheries*. 30(5): 4.
- (Editorial) Knuth, B.A. 2005. AFS Connections: What do our members think? *Fisheries*. 30(4): 4.
- (Editorial) Knuth, B.A. 2005. AFS Connections: Bringing Voice to Member Concerns. *Fisheries*. 30(3): 4.
- (Editorial) Knuth, B.A. 2005. AFS Connections: Aquatic Stewardship, Sustainability, and You. *Fisheries*. 30(2): 4.
- Foran, J.A., D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2005. Risk-based consumption advice for farmed Atlantic and wild Pacific salmon contaminated with dioxins and dioxin-like compounds. *Environmental Health Perspectives*. 113(5): 552-556.
- (Editorial) Knuth, B.A. 2005. AFS Connections: Increasing the Accessibility of Fisheries Science through the Fisheries Conservation Foundation. *Fisheries*. 30(1): 4.
- (Letter) Hites, R.A., J.A. Foran, S.J. Schwager, B.A. Knuth, M.C. Hamilton, and D.O. Carpenter. 2005. Response to Comment on "Global Assessment of Polybrominated Diphenyl Ethers in Farmed and Wild Salmon." *Environmental Science and Technology*. 39: 379-380.
- (Editorial) Knuth, B.A. 2004. AFS Connections: Transitioning to a New Strategic Plan. 29(12): 4.
- (Editorial) Knuth, B.A. 2004. AFS Connections: Creating A Fisheries Mosaic. *Fisheries*. 29(11): 4.
- (Editorial) Knuth, B.A. 2004. AFS Connections: Professionalism and Civic Engagement. *Fisheries*. 29(10): 4.
- (Editorial) Knuth, B.A. 2004. Theme of the Year: AFS Connections. *Fisheries*. 29(9): 4.
- Bireley, L.E., J.E. Claussen, B.A. Costa-Pierce, W.J. Daley, J. Geubtner, J. Jolley, B. Knuth, B.G. Parsons, G. Rassam, C. Stevens. 2004. American Fisheries Society 2005-2009 Strategic Plan Summary. *Fisheries*. 29(12): 31-37.
- Lauber, T.B. and B.A. Knuth. 2004. Effects of information on attitudes toward

- suburban deer management. *Wildlife Society Bulletin*. 32(2): 322-331.
- (Letter) Hites, R.A., J.A. Foran, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2004. Response to C.M. Rembold, "The Health Benefits of Eating Salmon." *Science*. 305:475.
- (Letter) Hites, R.A., J.A. Foran, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2004. Response to J. Tuomisto et al., "Risk-Benefit Analysis of Eating Farmed Salmon." *Science*. 305:476-477.
- (Letter) Hites, R.A., J.A. Foran, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2004. Response to E. Lund et al. "Cancer Risk and Salmon Uptake." *Science*. 305: 477-478.
- (Letter) Hites, R.A., J.A. Foran, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2004. Response to D. Weaver, "Contaminant Levels in Farmed Salmon." *Science*. 305:478.
- Anthony, M.L., B.A. Knuth, and T.B. Lauber. 2004. Gender and citizen participation in wildlife management decision making. *Society and Natural Resources*. 17(5): 395-411.
- Zanetell, B.A. and B.A. Knuth. 2004. Participation rhetoric or community-based management reality? Influences on willingness to participate. *World Development*. 32(5): 793-807.
- Hites, R.A., J.A. Foran, S.J. Schwager, B.A. Knuth, M.C. Hamilton, and D.O. Carpenter. 2004. Global assessment of polybrominated diphenyl ethers in farmed and wild salmon. *Environmental Science and Technology*. 38(19): 4945-4949.
- Hites, R.A., J.A. Foran, D.O. Carpenter, M.C. Hamilton, B.A. Knuth, and S.J. Schwager. 2004. Global assessment of organic contaminants in farmed salmon. *Science*. 303: 226-229.
- Knuth, B.A., N.A. Connelly, J. Sheeska, and J. Patterson. 2003. Weighing health benefit and health risk information when consuming sport-caught fish. *Risk Analysis*. 23(6): 1185-1197.
- Zanetell, B.A. and B. A. Knuth. 2002. Bribing biodiversity: Corruption, participation, and community-based management in Venezuela. *Southern Rural Sociology*. 18(2): 130-161.

- Connelly, N.A., B.A. Knuth, and D.L. Kay. 2002. Public support for ecosystem restoration in the Hudson River Valley, USA. *Environmental Management*. 29(4): 467-476.
- Knuth, B.A. 2002. Using and Communicating the Comparative Dietary Risk Framework. *Comments on Toxicology*. 8: 503-515.
- Connelly, N.A., and B.A. Knuth. 2002. Using the coorientation model to compare community leaders' and residents' views about Hudson River ecosystem restoration. *Society and Natural Resources*. 15(10): 933-948.
- Lauber, T.B., B.A. Knuth, and J.D. Deshler. 2002. Educating citizens about controversial issues: The case of suburban goose management. *Society and Natural Resources*. 15(7): 581-597.
- Zanetell, B.A., and B. Knuth. 2002. Knowledge partnerships: Rapid rural appraisal's role in catalyzing community-based management in Venezuela. *Society and Natural Resources*. 15(9): 805-825.
- Connelly, N.A., B.A. Knuth, and T.L. Brown. 2001. An angler typology based on anglers' fishing preferences. *Transactions of the American Fisheries Society*. 130: 130-137.
- Lauber, T.B., M.L. Anthony, and B.A. Knuth. 2001. Gender and ethical judgments about suburban deer management. *Society and Natural Resources*. 14(7): 571-583.
- Siemer, W.F., and B.A. Knuth. 2001. Effects of fishing education programs on antecedents of responsible environmental behavior. *Journal of Environmental Education*. 32(4): 23-29.
- Connelly, N.A., T.L. Brown, and B.A. Knuth. 2000. Assessing the relative importance of recall bias and nonresponse bias and adjusting for those biases in statewide angler surveys. *Human Dimensions of Wildlife*. 5: 19-29.
- Connelly, N.A., T.L. Brown, and B.A. Knuth. 2000. A multiple market segmentation of Great Lakes anglers in New York. *North American Journal of Fisheries Management*. 20(2): 399-407.
- Lauber, T.B., and B.A. Knuth. 2000. Suburban residents' criteria for evaluating contraception and other deer management techniques. *Human Dimensions of Wildlife*. 5(1): 1-17.

- Sinclair, K., and B.A. Knuth. 2000. Non-industrial private forest landowner use of geographic data: A precondition for ecosystem-based management. *Society and Natural Resources*. 13(6): 521-536.
- Connelly, N.A., T.L. Brown, and B.A. Knuth. 2000. Do anglers and fishery professionals think alike? *Fisheries*. 25(2): 21-25.
- Connelly, N.A., and B.A. Knuth. 1999. Using diaries to examine children's fishing patterns. *North American Journal of Fisheries Management*. 19(4): 1103-1107.
- Connelly, N.A., T.L. Brown, B.A. Knuth, and L. Wedge. 1999. Changes in the utilization of New York's Great Lakes recreational fisheries. *Journal of Great Lakes Research*. 25(2): 347-354.
- Knuth, B.A. and 11 others. 1999. The strategic plan of the American Fisheries Society, 1999-2004. *Fisheries*. 24(5): 14-24.
- Lauber, T.B. and B.A. Knuth. 1999. Measuring fairness in citizen participation: a case study of moose management. *Society and Natural Resources*. 12(1): 19-37.
- Weinstein, S.J., C.A. Bisogni, E. Frongillo, and B.A. Knuth. 1999. Factors explaining seafood consumption among Hispanics living in New York City. *J. Nutrition Education*. 31: 212-223.
- Connelly, N.A. and B.A. Knuth. 1998. Evaluating risk communication: examining target audience perceptions about four presentation formats for fish consumption health advisory information. *Risk Analysis*. 18(5): 649-659.
- Lauber, T.B. and B.A. Knuth. 1998. Refining our vision of citizen participation: lessons from a moose reintroduction proposal. *Society and Natural Resources*. 11: 411-424.
- Lauber, T.B., and B.A. Knuth. 1997. Fairness in moose management decision making: the citizens' perspective. *Wildlife Society Bulletin*. 25(4): 776-787.
- Stout, R.J., B.A. Knuth, and P.D. Curtis. 1997. Preferences of suburban landowners for deer management: a step towards better communication. *Wildlife Society Bulletin*. 25(2): 348-359.
- Connelly, N.A., B.A. Knuth, and T.L. Brown. 1996. Sportfish consumption patterns of Lake Ontario anglers and the relationship to health advisories. *North American Journal of Fisheries Management*. 16: 90-101.

- Decker, D.J., C.R. Krueger, R.A. Baer, Jr., B.A. Knuth, and M.E. Richmond. 1996. From clients to stakeholders: A philosophical shift for fish and wildlife management. *Human Dimensions of Wildlife*. 1(1): 70-82.
- Stout, R.J., D.J. Decker, B.A. Knuth, J.C. Proud, and D.H. Nelson. 1996. Comparison of three public-involvement approaches for stakeholder input into deer management decisions: A case study. *Wildlife Society Bulletin*. 24(2): 312-317.
- Knuth, B.A. 1995. The complexities of decision-making related to health risk assessments. *Maine Policy Review*. 4(2): 41-48.
- Knuth, B.A., S. Lerner, N.A. Connelly, and L. Gigliotti. 1995. Fishery and environmental managers' attitudes about and support for lake trout rehabilitation in the Great Lakes. *Journal of Great Lakes Research*. 21 (Supplement 1): 185-197.
- Knuth, B.A. 1995. Biodiversity's future: from species to systems. *Forum for Applied Research and Public Policy*. 10(1): 88-91.
- Velicer, C.M. and B.A. Knuth. 1994. Communicating contaminant risks from sport-caught fish: the importance of target audience assessment. *Risk Analysis*. 14(5): 833-841.
- Stout, R.J., R.C. Stedman, D.J. Decker, and B.A. Knuth. 1993. Perceptions of risk from deer-related vehicle accidents: implications for public preferences for deer herd size. *Wildlife Society Bulletin*. 21(3): 237-249.
- Landre, B.K. and B.A. Knuth. 1993. Success of citizen advisory committees in consensus-based water resources planning in the Great Lakes Basin. *Society and Natural Resources*. 6(3): 229-257.
- Landre, B.K. and B.A. Knuth. 1993. The role of agency goals and local context in Great Lakes water resources public involvement programs. *Environmental Management*. 17(2): 153-165.
- Connelly, N., B.A. Knuth, and C.P. Dawson. 1992. The failure of success in fishery management. Pacific salmon harvest policy in New York State. *Policy Studies Review*. 11(2): 24-36.
- Reinert, R., B.A. Knuth, M. Kamrin, and Q.J. Stober. 1991. Risk assessment, risk management, and fish consumption advisories in the United States. *Fisheries*. 16(6): 5-12.

- Landers, J.C. and B.A. Knuth. 1991. Use of wetlands for water quality improvement under the USEPA Region V Clean Lakes Program. *Environmental Management*. 15(2): 151-162.
- Knuth, B.A. 1991. Risky (but necessary) business: Involving fishery professionals in the health advisory process. *Fisheries*. 16(1): 2-3.
- Brown, T.L., B.A. Knuth, and F. Menz. 1991. Lake Ontario's sport-fisheries: socioeconomic research progress and needs. *Canadian Journal of Fisheries and Aquatic Sciences*. 48: 1595-1601.
- Knuth, B.A. 1990. Risk communication: A new dimension in sport-fisheries management. *North American Journal of Fisheries Management*. 10(4): 374-381.
- Knuth, B.A. and L.A. Nielsen. 1989. Social and institutional performance indicators for wildlife and fishery resource management systems. *Society and Natural Resources*. 4: 351-366.
- Knuth, B.A. 1989. Implementing chemical contaminant policies in sport fisheries: agency partnerships and constituency influence. *Journal of Management Science and Policy Analysis*. 6(4): 69-81.
- Knuth, B.A. and L.A. Nielsen. 1986. Content analysis of agency annual reports, with recommendations for improvement. *Wildlife Society Bulletin*. 14: 465-473.
- Knuth, B.A. and L.A. Nielsen. 1986. Monitoring the fisheries and wildlife enterprise: A content analysis of agency annual reports. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies*. 38: 671-681. (peer reviewed)
- Maly, M.S., B.A. Knuth, and G.W. Barrett. 1985. Effects of resource partitioning on dispersal behavior of feral house mice. *Journal of Mammalogy*. 66(1): 148-153.
- Knuth, B.A. and G.W. Barrett. 1984. A comparative study of resource partitioning between Ochrotomys nuttalli and Peromyscus leucopus. *Journal of Mammalogy*. 65(4): 576-583.

## **Books and Book Chapters**

- Kretser, H.E., J.A. Hilty, M.J. Glennon, J.F. Burrell, Z.P. Smith, and B.A. Knuth. 2009. Challenges of governance and land management on the exurban/wilderness frontier in the USA. Pages 277-304 In K. Andersson, E. Eklund, M. Lehtola, and P. Salmi, eds. *Beyond the Rural-Urban Divide: Cross-continental Perspectives on the Differentiated Countryside and its Regulation*. Research in Rural Sociology and Development. Volume 14. Emerald Group Publishing Limited, Bingley, WA, UK.
- Knuth, B.A., C. McOliver, E. Silbergeld, N. Connelly, and A. Faulds. 2008. Contaminant and pathogen considerations in urban fisheries: Balancing the fishing experience with the need to protect human health. Pages 143-164 in R.T. Eades, J.W. Neal, T.J. Lang, K.M. Hunt, and P.J. Pajak (eds.) *Urban and Community Fisheries Programs: Development, Management, and Evaluation*. American Fisheries Society, Symposium 67, Bethesda, MD.
- Knuth, B.A. and W.F. Siemer, editors. 2007. *Aquatic Stewardship Education in Theory and Practice*. American Fisheries Society, Symposium 55, Bethesda, Maryland.
- Knuth, B.A. 2007. Improving our understanding of the theory and practice of aquatic stewardship education. Pages 8-10 in B.A. Knuth and W.F. Siemer, eds. *Aquatic Stewardship Education in Theory and Practice*. American Fisheries Society, Symposium 55, Bethesda, Maryland.
- Knuth, B.A. and W.F. Siemer. 2007. Advancing the theory and practice of aquatic stewardship education. Pages 179-187 in B.A. Knuth and W.F. Siemer, eds. *Aquatic Stewardship Education in Theory and Practice*. American Fisheries Society, Symposium 55, Bethesda, Maryland.
- Knuth, B.A. 2006. AFS Perspective: Introduction for Symposium Proceedings on Cooperative Fisheries Research and Management. Page xiii in A.N. Read and T.W. Hartley, eds. *Partnerships for a Common Purpose: Cooperative Fisheries Research and Management*. American Fisheries Society Symposium 52, Bethesda, Maryland.
- Committee on the Review of Recreational Fisheries Survey Methods, Ocean Studies Board. (P.J. Sullivan, Chair, F.J. Breidt, R.B. Ditton, B.A. Knuth, B.M. Leaman, V.M. O'Connell, G.R. Parsons, K.H. Pollock, S.J. Smith, S.L. Stokes). 2006. *Review of Recreational Fisheries Survey Methods*. The National Academies Press, Washington, D.C.

- Reinert, R.E., B.A. Knuth, M.A. Kamrin, and Q.J. Stober. 1996. A review of the basic principles and assumptions used to issue fish consumption advisories. Pgs. 98-106 in L.E. Miranda and D.R. DeVries, eds. *Multidimensional approaches to reservoir fisheries management*. American Fisheries Society Symposium 16.
- Knuth, B.A. and W.F. Siemer. 2004. Fostering aquatic stewardship: A key for fisheries sustainability. Chapter in D. MacDonald and E. Knudsen, eds. *Fish In Our Future? Perspectives on Fisheries Sustainability*. American Fisheries Society Symposium, 43: 243-255.
- Committee on the Implications of Dioxin in the Food Supply, Institute of Medicine. (R.S. Lawrence, Chair, D.M. Bier, R.E. Broyles, D.R. Caldwell, D.O. Carpenter, J.A. Caswell, K.R. Cooper, J.K. Hammitt, G.G. Harrison, J.T. Heimbach, B.A. Knuth, J.D. McKean, P.J.J. Saver, R.E. Smith, M.R. Taylor, and K.L. Tucker). 2003. *Dioxins and dioxin-like compounds in the food supply: Strategies to decrease exposure*. National Academies Press. Washington, DC. 318pp.
- Knuth, B.A. 2002. The many faces of salmon: implications of stakeholder diversity in the Great Lakes. Chapter 9. In K.D. Lynch, M.L. Jones, and W.W. Taylor, eds. *Sustaining North American Salmon: Perspectives Across Regions and Disciplines*. American Fisheries Society, Bethesda, pp. 181-194.
- Nielsen, L.A. and B.A. Knuth. 2001. People for people: education for the human dimension. Chapter 20 in D.J. Decker, T.L. Brown, and W.F. Siemer, eds. *Human Dimensions of Wildlife Management in North America*. The Wildlife Society, Bethesda.
- Knuth, B.A., W.F. Siemer, M.D. Duda, S.J. Bissell, and D.J. Decker. 2001. Wildlife management in urban environments. Chapter 11 in D.J. Decker, T.L. Brown, and W.F. Siemer, eds. *Human Dimensions of Wildlife Management in North America*. The Wildlife Society, Bethesda.
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- National Research Council (NRC). Sullivan, P.J. (Chair), K. Able, C. Jones, K. Kaye, B. Knuth, B. Norcross, E. Russek-Cohen, J. Sibert, S. Smith, S. Thompson, and R. Young. 2000. *Improving the collection, management, and use of marine fisheries data*. National Academy Press. Washington, D.C. 288pp.
- Knuth, B.A. and S.L. McMullin. 1996. Chapter 22: Measuring the human dimensions of recreational fisheries. B. Murphy and D. Willis, eds. *Fisheries Techniques*, 2<sup>nd</sup> edition. American Fisheries Society, Bethesda, MD.
- Decker, D.J., T.L. Brown, and B.A. Knuth. 1996. Chapter 3: Human dimensions

research: Its importance in natural resource management. Pages 29-47. In A. Ewert, ed. *Natural Resource Management: The Human Dimension*. Westview Press, Boulder, CO.

USEPA, 1995. Guidance for assessing chemical contaminant data for use in fish advisories. Volume 4: Risk communication. U.S. Environmental Protection Agency, Washington, D.C. 99 pp.+ appendices (Knuth author under contract).

Knuth, B.A. 1994. Policy implications of communicating health risks from fish consumption. Pages 643-649. In C.J. Watras and J.W. Huckabee, eds. *Mercury Pollution: Integration and Synthesis*. Lewis Publishers, Boca Raton, FL.

Knuth, B.A. 1992. Natural resources hazards: managing to protect people from the resource. Pages 201-220. In W. Mangun, ed. *American Fish and Wildlife Policy: The Human Dimension*. Southern Illinois University Press, Carbondale, IL.

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- (Principal Investigator with Tommy Brown, Daniel Decker, Jody Enck, and T. Bruce Lauber, Associate Investigators). Integrating Human Dimensions into Natural Resources Decision Making. Agricultural Experiment Station, Cornell University, \$50,000. 1997-2003.
- Educating American Indian Students in Natural Resources. U.S. Department of Agriculture, \$20,000. 1995-2000.
- (Co-investigator with Tommy Brown, Principal Investigator and Daniel Decker, Co-investigator). Public Attitudes Toward Wildlife and Its Accessibility. New York State Department of Environmental Conservation, \$237,750. 1998-1999.
- (Co-investigator with Tommy Brown, Principal Investigator). New York State

- Freshwater Angler Survey Project. New York State Department of Environmental Conservation, \$290,000. 1996-1999.
- (Cooperator with David Allee, Principal Investigator and other Cooperators). Public Perception Survey for the South Shore Estuary Reserve Council. New York Department of State, \$25,000. 1996-1998.
- (Co-investigator with Tommy Brown, Principal Investigator). Public Satisfaction of DEC Stewardship of Fish and Wildlife Resources. New York State Department of Environmental Conservation, \$70,000. 1996-1998.
- (Co-investigator with Tommy Brown, Principal Investigator and Daniel Decker, Co-investigator). Public Attitudes Toward Wildlife and Its Accessibility. New York State Department of Environmental Conservation, \$237,750. 1997-1998.
- (Associate Investigator with Tommy L. Brown, Principal Investigator). Participation, Economic Impact, and Marketing Analysis of Great Lakes Fisheries. New York Sea Grant Institute, \$74,840. 1996-1998.
- (Co-Principal Investigator with Shari Dann). Evaluating the Hooked on Fishing—Not on Drugs Program. Future Fisherman Foundation, \$88,727. 1995-1998.
- (Principal Investigator with Bruce Matthews, Co-investigator). Children's Fishing and Fish Consumption Patterns. New York Great Lakes Protection Fund, \$31,107. 1995-1998.
- (Co-Principal Investigator with Michael Shapiro). Angler Estimates of Personal Risk from Chemically-Contaminated Fisheries. New York Great Lakes Protection Fund, Small Grants Program, \$7,000. 1996-97.
- (Authored proposal on behalf of International Joint Commission workgroup on Ecosystem Health). Workshop on the Policy Implications of New Evidence Regarding Toxic Substances and Human Health in the Great Lakes. Johnson Foundation, indeterminate amount. 1997.
- (Co-investigator with Tommy Brown, Principal Investigator, and Daniel Decker, Co-investigator). Public Attitudes Toward Wildlife and Its Accessibility. New York State Department of Environmental Conservation, \$237,750. 1996-1997.
- (Co-Principal Investigator with David Deshler). Educating Citizens About Controversial Wildlife Management Issues. Statewide Research/Extension Program, Agricultural Experiment Station, Cornell University, \$18,400. 1995-1996.

- Assessing Environmental Stewardship Among Educators in the Lake Ontario Basin. New York Great Lakes Protection Fund, Small Grants Program, \$6,712. 1995-1996.
- (Co-investigator with Tommy L. Brown, Principal Investigator and Daniel J. Decker, Co-investigator). Public Attitudes Toward Wildlife and Its Accessibility. New York State Department of Environmental Conservation, \$237,750. 1995-1996.
- Measurement of Stewardship Indicators in the Lake Ontario Ecosystem: A Pilot Project. U.S. Environmental Protection Agency, \$33,854. 1993-1996.
- Measurement of Stewardship Indicators in the Lake Ontario Ecosystem: A Pilot Project. Health Canada, \$20,090. 1993-1995.
- A Risk Communication Guidance Document for States Issuing Fish Consumption Health Advisories. U.S. Environmental Protection Agency, \$50,000. 1993-1995.
- (Co-Investigator with Tommy L. Brown, Principal Investigator and Daniel J. Decker, Co-investigator). Public Attitudes Toward Wildlife and its Accessibility. New York State Department of Environmental Conservation, \$913,935. 1991-1995.
- Application of Risk Communication Theory to Sport-fishery Management. Agricultural Experiment Station, Cornell University, \$28,000. 1990-1995.
- (Principal Investigator with Tommy L. Brown, Associate Investigator). Patterns of Harvest and Consumption of Lake Champlain Fish. New England Interstate Water Pollution Control Commission, \$25,000. 1993-1994.
- (Associate Investigator with Carole Bisogni, Principal Investigator, Joe Regenstein, and Diva Sanjur), Hispanic Perceptions and Practices Related to the Quality, Safety, and Healthfulness of Fish and Seafood. New York Sea Grant Institute, \$66,038. 1993-1994.
- (Principal Investigator with Sally Lerner, Co-investigator), Social Science Task Area Value Systems, Attitudes, and Communication Strategies of Fishery and Environmental Managers Related to Lake Trout Rehabilitation. Great Lakes Fishery Commission, \$59,685. 1991-1994.
- (Principal Investigator with Tommy L. Brown and Michael Shapiro, Associate Investigators). Angler Attitudes and Behavior Associated with Ohio River Health Advisories. U.S. Environmental Protection Agency, \$130,276. 1992-1993.
- (Co-investigator with Tom Brown, Principal Investigator), Estimating the Sportfishing Participation and Consumption of Lake Ontario Fish. New York Sea Grant Institute, \$83,085. 1991-1993.

(Principal Investigator with Carole Bisogni, Associate Investigator), Effects of Health Advisory Changes on Fishing Habits and Fish Consumption in Sport Fisheries. New York Sea Grant Institute, \$41,772. 1991-1992.

Human Perceptions of Lyme Disease and Implications for Land and Wildlife Management. U.S. Fish and Wildlife Service, \$5,000. 1991-1992.

Great Lakes Fish Consumption Advisories: Evaluation of Communication Strategies for Health Protection and Resource Management. Great Lakes Protection Fund, \$111,280. 1990-1992.

(Co-investigator, with John Vena, Principal Investigator), Risk Perception, Reproductive Health Risk, and Consumption of Contaminated Fish in a Cohort of New York State Anglers. Great Lakes Protection Fund, \$157,220. 1990-1992.

(Co-principal Investigator with Dan Decker), Causes, Characteristics, and Impacts of WIMPS (Wildlife Interest Minimization Phenomena): Lyme Disease, Hatch, \$13,000. 1989-1992.

Risk Communication in Sport-fisheries. New York Sea Grant Institute. \$1,400. 1990-1991.

Human and Policy Dimensions of French Creek Watershed Management Planning. Faculty Fellow-In-Service Program, \$1,540. 1990.

(Co-investigator with Tom Brown, Principal Investigator), Evaluating the Impacts of Proposed Snagging Regulations on the Salmon River. New York State Department of Environmental Conservation, \$28,300. 1989-1990.

Water Quality Planning in the Great Lakes. The Max and Victoria Dreyfus Foundation, Inc., \$5,000. 1988-1990.

(Principal Investigator with Co-investigator Chuck O'Neill), Public Participation in Great Lakes Remedial Action Planning. New York Sea Grant Institute Applied Research Program, \$2,600. 1989-1990.

(Co-leader with Dan Decker and Alan Hahn), Issue Evolution and Policy Formulation Processes in Natural Resource Management: The Great Lakes Situation. New York Sea Grant Institute, \$1,500. 1989-1990.

(Co-investigator with Tom Brown, Principal Investigator), New York Statewide Angler Study, Wallop-Breaux Research Contract, New York State Department of Environmental Conservation, \$277,000. 1988-1990.

Risk Perception and Communication Regarding Chemically Contaminated Fish in Lake Ontario Fisheries, New York Sea Grant Institute, \$38,000. 1988-1989.

(Co-investigator with Michael Voiland, Tom Brown, Dan Decker, Charles Krueger), Creel Expectations and Preferences of Lake Ontario Salmonid Boat Anglers: The View of Organizational Opinion Leaders, New York Sea Grant and Cornell College of Agriculture and Life Sciences Applied Research Program, \$2,000. 1988.

An Analysis of Lake Ontario Fisheries Planning, Agricultural Experiment Station, Cornell University, \$31,000. 1986-1988.

Factors Influencing Lake Ontario Fish Contamination Policies in New York State, New York Sea Grant Institute, \$15,000. 1987-1988.

Development of an Indicator System for Use in Natural Resource Management, National Wildlife Federation, \$5,000. 1984-1985.

### *Consulting Activities*

Harvard School of Public Health. Workshop on Risks of PCB Exposure and Benefits Associated with Consumption of Marine Fish. Expert panelist. 2008.

Virginia Department of Environmental Quality. Peer Review Panel for MeHg human health risk assessment study. 2008.

California Bay-Delta Authority, Fish Mercury Project. Scientific Review Panel for program on monitoring, stakeholder involvement, and risk communication. 2005-2008.

Great Lakes Indian Fish and Wildlife Commission. Fish consumption guidelines risk communication assistance. 2005.

US Geological Survey. Review of Draft Completion Report for Cabieza Prieta National Wildlife Refuge Social Research. 2004.

Recreational Boating and Fishing Foundation. National aquatic stewardship survey review. 2004 – 2005.

Industrial Economics, Inc. Confidential work on Natural Resources Damage Assessment, Hudson River. 2003-2005.

PEW Charitable Trusts. Confidential work on risk communication related to fish consumption. 2001-2005.

Partnership for the Delaware Estuary, Inc. Guidance on conducting fish consumption

survey. 2003-2004.

Tetra Tech, Inc. Revision of USEPA guidance document on fish consumption health advisory risk communication. 2001-2004.

Agency for Toxic Substances Disease Registry. Review of draft report on fish consumption behavior. 2001.

Island Press. Review of draft textbook on "Ecosystem Management: Adaptive, Community-based Conservation." 2001.

Research Triangle Institute. Planning, implementing, and participating in a major national conference on fish consumption, health advisory risk communication targeting at-risk audiences. 2000-2001.

San Francisco Bay Estuary Research Institute. Review of San Francisco Bay fish consumption report. 2000.

Stratus Consulting, Inc. Confidential work on Natural Resources Damage Assessment, Hudson River. 2000-2001.

Energy and Environmental Research Center, University of North Dakota. Assistance with "Fish Consumption Survey of North Dakota and Minnesota Residents." 2000.

California Environmental Protection Agency. Review of fish consumption data and survey methods report. 1999.

Tetra Tech, Inc. Review of fish consumption chemical fact sheets. 1999.

California Department of Health Services, Environmental Health Investigations Branch, San Francisco Bay Seafood Consumption Study, site selection, sampling plan, and survey review, 1998.

Eastern Research Group. Review of USEPA intramural grant proposals, 1998.

U.S. Forest Service, Review of Social, Economic, Environmental Attitudes, and Leisure Assessment, 1998-1999.

Tetra Tech, Inc., professional services associated with producing U.S. EPA document, Guidance for Conducting Fish Consumption Surveys. 1997-1998.

TERA (Toxicology Excellence for Risk Assessment), professional services associated with U.S. EPA Cooperative Agreement on Comparative Dietary Risk associated with fish consumption advisories, 1997-1999.

Great Lakes Economic and Environment Office, Environment Canada, measurement instrument review, 1996.

International Joint Commission, Remedial Action Plan and Lakewide Management Plan review, 1995.

Natural Resources Council of Maine, Confidential work on fish consumption assessment, 1991-92.

New York State Department of Law, Confidential work on natural resource damage assessments, 1990-91.

### ***Graduate Student Committees Chaired***

Ingrid Biedron, Ph.D. candidate, 2013 anticipated.

Carrie Simon, Ph.D. candidate, 2013 anticipated.

Heather Van Den Berg, Ph.D. candidate, 2010 anticipated.

Heidi Kretser, Ph.D. 2008. "The exurban frontier: Anticipating human-wildlife interactions where we live, work, and play".

Meredith Gore, Ph.D. 2007. "Risk perception and outreach intervention evaluation associated with human-black bear interactions."

Krystyn Tendy, M.P.A. 2006. "Environmentalism and non-governmental organizations: a case study of the Clean Water Act using hyperpolitics."

Seng Ly Kong (co-chair), Ph.D. 2005. "Extension and community-based fishery co-management in the Great Lake Tonle Sap, Cambodia."

Kirk Sinclair, Ph.D. 2005. "Geographic data intervention to support private woodland management."

Brooke Zanetell, Ph.D. 2002. "Stakeholder collaboration and discourse: Delphi-generated global and local visions for water resources management."

Ana Cordova, Ph.D. 2002. "Factors affecting the viability of large scale and urban dry sanitation programs: An assessment based on Mexican experiences."

Meena Dhamala, Humphrey Fellow (non-degree) from Nepal, 2001-2002.

Seng Ly Kong (co-chair), M.S. 2002. "Resource Preservation vs. Public Use: A Content Analysis of General Management Plans for National Park/Preserve Units in Alaska."

Melissa Anthony, M.S. 2001. "Gender Differences and Citizen Participation in Wildlife-related Decision-making Processes."

Brooke Zanetell, M.S. 2000. "Assessing the Feasibility of Community-based Management of a Rural Venezuelan Fishery."

- Noel Gurwick, M.S., 1998. "Property Theory, Property Rights, and Landowner Beliefs: Views of New York State Wetlands Owners and Permit Applicants About Land Ownership and Wetlands Regulations."
- Ana Cordova, M.S., 1997. "Collaborative Natural Resource and Land-Use Planning in the Copper Canyon Region, Chihuahua, Mexico: Prerequisites, Incentives, and Challenges."
- Sheila Fleming, M.P.S., 1997. "Factors Influencing Resident Support and Opposition to Local Greenways."
- Danielle Dixon, M.S., 1996. "Environmental Stewardship Among Educators in the Lake Ontario Basin."
- Bruce Lauber, Ph.D. 1996. "Moose on the Loose: Fairness and Decision-making in the Adirondacks."
- Rob Van Brunt, M.P.A. 1993. "Policy Analysis of the Endangered Species Act".
- Andrea Kollman, M.P.A., 1992. "Evaluation Criteria for State-Local Government Interaction Regarding Solid Waste Management in New York State".
- Betsy Kiernan Landre, M.S., 1991. "Evaluating Public Involvement in Remedial Action Planning for Great Lakes Areas of Concern".
- Cary Oshins, M.S., 1991. "The Adoption of Municipal Yard Waste Composting Programs by County Governments in Upstate New York: Reasons and Barriers".
- Christine M. Springer, M.S., 1990. "Risk Management and Risk Communication Perspectives Regarding Lake Ontario's Chemically Contaminated Sport Fishery".
- Judith C. Landers, M.P.S., 1989. "The Use of Wetlands under USEPA's Region V Clean Lakes Program".

### *Graduate Student Committee Service*

- Jim Watkins, Ph.D., Natural Resources, anticipated 2010.
- Brent Boscarino, Ph.D., Natural Resources, anticipated 2009.
- Dan Pendleton, Ph.D., Natural Resources, anticipated 2009.
- Kathy Mills, Ph.D., Natural Resources, anticipated 2009.
- Carol Bebb, M.P.S., Horticulture, never completed.
- Jesse Lepak, Ph.D., Natural Resources, 2008.
- Nalini Rao, Ph.D., Natural Resources, 2008.
- Hannah Shayler, M.S., Natural Resources, 2008.
- Thomas Safford, Ph.D., Development Sociology, 2004.
- Anthony Vandevalk, M.S., Natural Resources, 2003.
- Igor Lukashov, M.S., Natural Resources, 2000.
- Wendy Kellogg, Ph.D., City and Regional Planning, 1993.
- Heather Tatkon, M.P.A., Public Affairs, 1993.
- Ellen Levin, M.R.P., City and Regional Planning, 1991.
- Steven Sherman, M.S., Agricultural Economics, 1990.

### *Courses Taught*

NR 608 Resource Policy and Administration  
NR 604 Seminar in Selected Topics in Resource Policy and Human Studies  
NR 430 Environmental and Natural Resources Policy Processes  
NR 308 Natural Resources Management

### *Professional Affiliations*

American Fisheries Society; Society for Conservation Biology; The Wildlife Society.

### *Professional Activities*

#### American Fisheries Society

Member, Leadership Development Workshop Planning Committee, 2008, 2009.  
Member, AFS Transition Committee. 2007-2008.  
Member, Time and Place Committee. 2006-2009.  
Member, Nominating Committee. 2006-2007.  
Past-president, 2005-2006.  
Chair, Past-presidents' Advisory Council, 2005-2006.  
Chair, Retired Members Travel Award, 2005-2006.  
Chair, Presidents' Fishery Conservation Award, 2005-2006.  
Chair, William E. Ricker Resource Conservation Award, 2005-2006.  
President, 2004-2005.  
President-Elect, 2003-2004.  
Chair, Carl Sullivan Conservation Achievement Awards Committee, 2003-2004.  
Chair, Distinguished Service Award Committee, 2003-2004.  
Member, Resource Policy Committee, 2003-2004.  
Member, Fisheries Conservation Foundation Advertising Committee, 2003-2004.  
First Vice President, 2002-2003.  
Member, Resolutions Committee, 2002-2003.  
Member, Membership Concerns Committee, 2002-2003.  
Member, Carl R. Sullivan Conservation Achievement Awards Committee, 2002-2003.  
Member, Publications Overview Committee, 2002-2003.  
Second Vice President, 2001-2002.  
Chair, Special Committee on Support for the Program Chair, 2002.  
Member, Meritorious Service Award Committee, 2001-2002.  
Member, Certification Board of Appeals, 1999-2002.  
Member, Program of Work Committee, 1999-2002.  
Member, Committee to Revise the Rules, 2001.  
Member, Distinguished Service Award Committee, 2000-2001.  
Member, Constitution and Bylaws Revision Committee, 2000-2001.  
Member, North American Fisheries Action Plan Revision Process Committee, 2000-2001.  
Session Moderator, Annual Meeting, 2000.

President, Northeastern Division and member of Governing Board, 1999-2000.  
 Member, Steering Committee for 1999 American Fisheries Society Forum on  
 Contaminants in Fish, 1999.  
 President-elect, Northeastern Division, and member of Governing Board, 1998-  
 1999.  
 Member, Executive Director Search Committee, 1998-1999.  
 Chair, Strategic Plan Revision Committee, 1997-1999.  
 Co-organizer, Symposium on Human Interactions with Aquatic Organisms, 1998.  
 Philosophy, Values, and Social Change, 1997.  
 Membership Committee, 1997-1998.  
 Appointed Member, Task Force on AFS Policy on the Human Use of Fish, 1996-  
 1997.  
 Certified Fisheries Scientist, 1996.  
 Member, Special Management Committee, 1995-1997; 1998-2000.  
 President, Water Quality Section and Member of Governing Board, 1995-1997.  
 Northeast Division Co-chair, AFS 2000 Campaign Committee, 1995-2000.  
 Associate Editor, North American Journal of Fisheries Management, 1994-  
 1995.  
 Elected Northeastern Division Representative, Education Section, 1992-1994  
 Appointed Representative to NY State Return-A-Gift to Wildlife Advisory  
 Committee, 1992-1993  
 Member, Continuing Education Committee, Northeastern Division, 1991-1994.  
 Appointed Member, Screening and Search Committee for Executive Director,  
 American Fisheries Society, 1990.  
 Member, Committee on Contaminants in Fish, Water Quality Section, 1990.  
 President, New York Chapter, 1990-1991.  
 Judge, Best Paper Award Competition, North Central Division, 1989.  
 Chair, Skinner Award Committee, Education Section, 1988-1989.  
 Tri-society Committee on the Status of Women and Minorities in Natural  
 Resources, 1988-1990.  
 Steering Committee, Symposium on the Management of Contaminated Urban  
 Fisheries, 1988-1989.  
 Chair, Environmental Concerns Committee, 1986-1987.  
 Chair, New York Chapter Ad Hoc Committee on the Status of Women and  
 Minorities in Natural Resources, 1987.  
 Membership Concerns Committee, 1986-1988.  
 Review Committee, J. Frances Allen Scholarship, 1987, 1997.  
 Certified Associate Fisheries Scientist, 1985.  
 Membership Concerns Network, 1985.  
 Chair, Southern Division Membership Committee, 1984-1985.  
 Membership Committee, 1984-1985.  
 Environmental Concerns Committee, 1984-1986.  
 Water Quality Section, 1989-present.  
 Education Section, 1983-present.  
 Fisheries Administrators Section, 1983-1997.  
 Planning Committee, Annual "Mud Bass" (Carp) Fishing Tournament,

VPI&SU, 1983, 1984, 1985, 1986.  
President, Virginia Tech Chapter, 1983-1984.

#### Other Organizations

Member, Council of Environmental Deans and Directors Committee on the National Institute of Food and Agriculture, 2009.

Member, Ocean Studies Board, The National Academies, 2008-2011.

Special Graduate Faculty, Department of Family Relations and Applied Nutrition, University of Guelph, 2008-2010.

Member, Scientific Advisory Group of the New York Oceans and Great Lakes Ecosystem Conservation Council, 2008.

External Reviewer, Faculty of Environmental Design, University of Calgary, October, 2006.

Sociology Review Panel, Graduate Research Fellowship Program, National Science Foundation, 2006.

Budweiser Conservation Program Scholarship Review Committee, 2006.

International Steering Committee, 5<sup>th</sup> World Fisheries Congress, 2005-2008.

Appointed Member, Committee to Review Recreational Fishing Survey Methods, National Research Council, 2005-2006.

Board of Directors, Fisheries Conservation Foundation, 2004-2005.

Vice-President, Executive Board, World Council of Fisheries Societies, 2004-2008.

Scientific Advisory Board, Seafood Safe, 2004-2005.

Content Advisor, New Currents in Conserving Freshwater Systems: A Biodiversity Science Symposium. American Museum of Natural History, 2004.

Affiliated Scientist, Midwest Center for Environmental Science and Public Policy, Milwaukee, Wisconsin, 2004-2005.

Board of Directors, New York Sea Grant Institute, 2002-2003.

Appointed Member, Steering Committee, AFS-EPA Federal-State Fish Forum, 2002.

Appointed Member, Committee on Implications of Reducing Dioxin in the Food Supply, Institute of Medicine and National Research Council, 2001-2003.

External Reviewer, CSREES/University Department Review, Department of Natural Resources Management and Engineering, University of Connecticut, November, 2001.

Elected Member, Fish and Wildlife Executive Committee of the National Association of State Universities and Land Grant Colleges, 2000-2003.

Appointed Member, Sport Fishing and Boating Partnership Council, 2000-2002.

Appointed Member, Committee on Improving the Collection and Use of Fisheries Data, National Research Council, 1998-2000.

Meal and Entertainment Subcommittee, The Wildlife Society 1998 Annual Meeting, 1996-1998

Judge, EPA Science Achievement Award in Biology/Ecology, 1997.

Appointed Member, Steering Committee, Workshop on Tribal Concerns and Issues of National Importance Related to Contaminants in Fish, U.S. Environmental Protection Agency, 1997.

Appointed Member, Steering Committee, Second State-Federal Forum on Contaminants in Fish, U.S. Environmental Protection Agency, 1996.

Invited Scientist, Scientific Advisory Committee, St. Lawrence Ecosystem Recovery Project, University of Ottawa, 1995.

Member, Search Committee for Associate Director of Extension, New York Sea Grant Institute, 1995.

Appointed Member, Great Lakes Science Advisory Board, International Joint Commission, 1995-1997.

Invited Scientist, Risk Perception Study Planning Workshop, St. Lawrence Action Plan, Quebec Centre for Public Health, 1994.

Invited Scientist, Great Lakes Fish Consumption Advisory Protocol Panel, Michigan Environmental Science Board, 1994-1995.

Program Committee, New York Chapter Annual Meeting, The Wildlife Society, 1993-1994.

Co-chair, Social Science Task Area, Board of Technical Experts, Great Lakes Fishery Commission, 1991-94

Campus Representative, Cornell University, Great Lakes Research Consortium, 1989-1993.

Program Advisory Panel, New York Sea Grant Institute, 1988, 1992.

Invited Workshop Participant, Protocol Development for Determining Human Exposures to Toxic Chemicals, Body Burdens, and Neurobehavioral and Development Assessment, International Joint Commission, 1991.

Member, Search Committee for Director position, New York Sea Grant Institute, 1991.

Invited Scientist, Social Science Research and Development Needs Think Tank, Great Lakes Fishery Commission, October, 1990.

Invited Workshop Participant, Evaluating Risks to Human Health Associated With Exposure to Toxic Chemicals in the Great Lakes Basin Ecosystem, Great Lakes Program, 1989.

Task Force on Teaching Resource Planning in University Curricula, Organization of Wildlife Planners, 1988–1989.

Certified Associate Wildlife Biologist, The Wildlife Society, 1987.

Poster Session Coordinator, 61st Annual Meeting, American Society of Mammalogists, 1981.

Journal, Grant, and Document Review

Associate Editor, Society and Natural Resources, 1991-1994.

Associate Editor, North American Journal of Fisheries Management, 1994-1995.

Occasional Reviewer for:

- Agriculture and Human Values
- American Journal of Epidemiology
- Archives of Environmental Chemistry and Toxicology
- Center for the Environment, Cornell University
- Conservation Biology
- Cornell University Agricultural Experiment Station
- Cornell President's Council of Cornell Women Grant Program
- Department of Natural Resources Summer Graduate Fellowships
- Environment, Development, and Sustainability
- Environmental Management
- Environmental Research
- Fisheries
- Great Lakes Fishery Commission
- Great Lakes Protection Fund Grant Program
- Great Lakes Research Consortium Small Grant Program
- Harper and Row Environmental Science Textbook
- Hudson River Foundation
- Human Dimensions of Wildlife
- Institute of Medicine of the National Academies
- International Foundation for Science
- Island Press Books
- Journal of Environmental Planning and Management
- Journal of Leisure Sciences
- Journal of Management Science and Policy Analysis
- Lake Champlain Basin Program Grants
- Michigan Sea Grant
- National Geographic Society Grant Program
- National Marine Fisheries Service Saltonstall-Kennedy Grant Program
- National Science Foundation
- Natural Resources Defense Council report on Contaminants in Fish:  
Sources, Health Effects, and Solutions. A National Perspective
- NeuroToxicology
- NOAA National Sea Grant College Program Grants
- North American Journal of Fisheries Management
- Oregon Sea Grant Program
- Proceedings of the Southeastern Association of Fish and Wildlife Agencies
- Public Understanding of Science
- Recreational Boating and Fishing Foundation
- Risk Analysis
- Rural Sociology
- Society and Natural Resources
- U.S. Environmental Protection Agency Report on Guidance for Conducting Fish  
and Wildlife Consumption Surveys

- U.S. Environmental Protection Agency brochure "Should I Eat the Fish I Catch? A Guide to Healthy Eating of the Freshwater Fish You Catch"
- Wildlife Society Bulletin
- Wisconsin Sea Grant Program
- Women in Natural Resources

### *Community Activities*

General Mills Box Tops for Education/Campbell's Labels Fundraising Coordinator, Boynton Middle School, 2003-2007.  
 Assistant Troop Leader, Ithaca High School Girl Scout Troop, 2006-2007.  
 Assistant Troop Leader, Immaculate Conception School Girl Scout Troop, 2003-2004.  
 Troop Leader, Immaculate Conception School Girl Scout Troop, 1998-2003.  
 Large Group Activity RENEW Committee, St. Catherine of Siena, 1996-97.  
 Advisory Board, Caroline After School Program, 1996-99.  
 Board of Directors, Ithaca Community Childcare Center, 1991-1996; Vice-president 1993-1994; Secretary 1994-1995.  
 Mentor, Displaced Homemakers Center, 1994.  
 Advisory Committee on Natural Areas Preservation, Tompkins County Environmental Management Council, 1988-1989.  
 Parish Council, Cornell Catholic Community, 1988-1989.  
 Board of Trustees, Cornell Catholic Community, 1988-1989.

### *University Activities*

#### Cornell University

Bronfenbrenner Life Course Center University Governing Board, 2009-2010.  
 Search Committee, College of Engineering Dean, 2009.  
 Program House Review Committee, 2009-2010.  
 Faculty Advisory Committee, Center for a Sustainable Future, 2007-2009.  
 Middle States Accreditation Planning and Steering Committee, 2008-2011.  
 Co-Chair, CALS Capital Facilities and Planning Committee, 2008-2009.  
 Search Committee, Chief Diversity Officer/Vice Provost for Diversity, 2008.  
 Land Use Management Committee, 2007-2008  
 University Diversity Council Working Committee, 2007-2009.  
 ADVANCE College liaison, 2007.  
 CALS Academic Diversity Representative, 2007-2008.  
 Provost Post-Doctoral Fellowship Review Committee, 2007-2008.  
 Sustainability Steering Committee, 2007.  
 Kuali-Coeus Research Administration, Steering Committee, 2007-2009.  
 Search Committee, Associate Dean, Financial and Administrative Services, College of Agriculture and Life Sciences, 2006.  
 Co-chair, Campus Planning Committee, 2006-2009; Member, 2002-2009.  
 Comprehensive Master Plan Working Committee, 2006-2008.  
 College of Agriculture and Life Sciences Farms, Field Stations, and Plant Growth

Facilities Advisory Committee, 2006-2007.

Search Committee, Hans Bethe House West Campus House Professor and Dean, 2006.

Speaker, Cornell University Faculty Senate. 2005-2007.

Special Committee on Deer in the Community. 2005-2006.

Campus Representative, Council of Environmental Deans and Directors, National Council for Science and the Environment. 2005-2011.

Cornell Alumni Federation Speaker Series, 2005-2006.

Review Team, Children, Youth, and Families At Risk (CYFAR) Sustainable Communities Grant Process, Cornell Cooperative Extension, CALS, 2005.

College of Agriculture and Life Sciences, Internal Review for Community and Rural Development Institute (CaRDI), 2005.

College of Agriculture and Life Sciences, Ad-hoc Tenure and Promotion Committee. 2005.

Olin Library, Faculty Consulting Group on Scholarly Communications, 2005.

College of Agriculture and Life Sciences, Task Force on Environment, 2004-2005.

College of Agriculture and Life Sciences Alumni Association Awards Committee 2002-2004; Chair 2003-2004.

College of Agriculture and Life Sciences Alumni Association, Faculty Liaison 2002-2004.

College of Agriculture and Life Sciences, Ad-hoc Tenure Committee (Chair), 2004.

College of Agriculture and Life Sciences, Northern New York Leadership and Oversight Group, 2003-2006.

College of Agriculture and Life Sciences, Farm Facilities Task Force, 2003-2006.

College of Agriculture and Life Sciences, Workforce Planning Initiative Finance and Oversight Committee. 2002-2004.

College of Agriculture and Life Sciences, Northern New York Research and Extension Task Force. 2002-2003.

College of Agriculture and Life Sciences, Program Council on Natural Resources and Environment, 2002-2006.

College of Agriculture and Life Sciences, Program Council on Youth Development, 2002-2006.

Cornell University Biological Field Station Advisory Committee, 2002-2007.

New York Cooperative Fish and Wildlife Research Unit Coordinating Committee, 2002-2007.

Nominated Participant, Cornell Leadership Development Program, 2002.

College of Agriculture and Life Sciences, Search Committee for Associate Dean of Academic Programs, 2002.

College of Agriculture and Life Sciences, Social Sciences Task Force, 2002-2003.

College of Agriculture and Life Sciences, Ad Hoc Faculty Effort Distribution Committee, 2002-2003.

Faculty-in-Residence, 2001-2007.

College of Agriculture and Life Sciences, Financial Aid and Scholarship Committee, 1998-2003. (Chair, 2002)

Cornell Tradition, College of Agriculture and Life Sciences Faculty Liaison, 1998-2006.

Faculty Career Representative from Department of Natural Resources, College of Agriculture and Life Sciences, 1994-1997; 1998-2002.

Faculty Financial Aid Liaison, Department of Natural Resources/CALS, 1994-2003.

Cornell in Washington Program Faculty Advisory Board, 1996-2006.

Department of Natural Resources Undergraduate Program Events Coordinator, 1997-2002.

Department of Natural Resources Teaching and Curriculum Committee, 1986-89; 1994-1997 (chair); 1997-2007.

Faculty Fellows in Service Committee, 2000-2001.

Chair, Ad Hoc Promotion and Tenure Review Committee, College of Agriculture and Life Sciences, 2000.

Acting Director of Graduate Studies, Department of Natural Resources, April 2000.

Acting Chair, Department of Natural Resources, June-August, 1999.

Search Committee Chair, Wildlife Ecology and Management Position, Department of Natural Resources, 1999.

Task Force, Review of American Indian Program Course Expenses, College of Agriculture and Life Sciences, 1999.

Department of Natural Resources 50th Anniversary Seminar Series, 1998. Committee, 1997-1998.

University Hearing Board, 1996-1998.

Executive Leadership Steering Committee for Undergraduate Program Review, CALS, 1996-2000.

Search Committee, Fisheries Science Positions, Department of Natural Resources, 1997-1998.

Advisory Board on Work and Family, 1996-1997.

Department of Natural Resources Undergraduate Program Coordinator, 1994-1997.

Department of Natural Resources Undergraduate Program Committee (chair), 1994-1997.

College of Agriculture and Life Sciences Curriculum Committee, 1987-1989; 1994-1997.

Department of Natural Resources Teaching Assistantship Committee, 1988-1992; 1994-2001.

Evaluation Subcommittee, CALS Committee for the Support of Teaching and Learning, 1995.

College of Agriculture and Life Sciences Promotion and Tenure Ad Hoc Committee, 1994.

Faculty Council of Representatives, 1987-1990; 1994

College of Agriculture and Life Sciences Task Force on Environment, 1992.

Search Committee, Senior Research Associate, Cornell Biological Field Station, 1992.

Coordinator, Resource Policy and Management Graduate Concentration,

1989-1990.  
Search Committee, Position in Resource Economics and Policy, Department of  
Agricultural Economics, 1990.  
College of Agriculture and Life Sciences Lyme Disease Task Force and Research  
Subcommittee, 1989-1990.  
Admissions Committee, Biology and Society Program, 1988.  
Review Committee, National Network for Environmental Policy Studies, 1988.  
Graduate Faculty Representative, Resource Policy and Planning  
Concentration, 1987-1988.  
Committee on University Research Policies of the Faculty Council of  
Representatives, 1987-1990.  
Chair, Resource Policy and Planning Graduate Orientation Committee, 1987.  
United Way Department Representative, 1986.

*Presentations* (also see Published Proceedings list)

**Invited**

- Hunt, K., B.A. Knuth, and C. Hutt. 2009. Fish consumption advisories: issues and associated research needs. American Fisheries Society Annual Meeting. Nashville, Tennessee. September 2009.
- Knuth, B.A. 2009. Strategic Planning Leadership Workshop. American Fisheries Society Annual Meeting. Nashville, Tennessee. August 2009.
- Knuth, B.A. 2009. Experiential-based learning: student immersion in policy-making processes for fisheries resources. American Fisheries Society Annual Meeting. Nashville, Tennessee. September 2009.
- Panelist, 2009. Ecosystem-based Management. Natural Resources Seminar Series. Cornell University. February 2009.
- Panelist, 2009. Relationship of Science and Policy. Natural Resources Graduate Student Symposium. Cornell University. January 2009.
- Knuth, B.A. 2008. Presidential Address. 5<sup>th</sup> World Fisheries Congress, Yokohama, Japan. October 2008.
- Knuth, B.A. 2008. Salutation for Emperor. 5<sup>th</sup> World Fisheries Congress. Yokohama, Japan. October 2008.
- Knuth, B.A. 2008. Strategic Planning Leadership Workshop. American Fisheries Society Annual Meeting. Ottawa, Ontario, Canada. August 2008.
- Panelist, 2008. Motherhood: The Elephant in the Laboratory. Book and Panel

- discussion. Cornell University, May 2008.
- Knuth, B.A. 2007. A Journey into Leadership. College of Natural Resources, Virginia Tech. October, 2007.
- Knuth, B.A., C.A. McOliver, E.K. Silbergeld, N.A. Connelly, and A. Faulds. 2007. Contaminants and pathogen considerations: Balancing the fishing experience with the need to protect human health. 137<sup>th</sup> Annual Meeting of the American Fisheries Society, San Francisco, September 2007.
- Knuth, B.A. 2006. Strategic Planning. Leadership Workshop. American Fisheries Society Annual Meeting. Lake Placid, New York. September 2006.
- Knuth, B.A. 2006. Contaminants in Seafood: Impact Considerations for Industry, Consumers, and Policy Makers. Parents Committee Weekend, Cornell University, April 2006.
- Lovejoy, H. and B.A. Knuth. 2005. Seafood Safe: Marketing and Labeling Contaminant-tested Fish. National Forum on Contaminants in Fish. Baltimore, September 2005.
- Knuth, B.A., A. DeWeese, J. Foran, and N. Kmiecik. 2005. Great Lakes Indian Fish and Wildlife Commission Risk Management and Communication Program: Reducing Health Risks to the Anishinaabe from Methylmercury. National Forum on Contaminants in Fish. Baltimore, September, 2005.
- Knuth, B.A. 2005. Plenary Address. 135th Annual Meeting of the American Fisheries Society. Anchorage, Alaska, September 2005.
- Knuth, B.A. 2005. Improving our understanding of the theory and practice of aquatic stewardship education. American Fisheries Society Annual Meeting, Anchorage, Alaska, September 2005.
- Knuth, B.A. 2005. Environmental Challenges...Interdisciplinary Solutions. Western College Kumler Chapel Talk Series, Miami University, Oxford, Ohio, June 2005.
- Knuth, B.A. 2005. International Programs and the Strategic Direction of the American Fisheries Society. Symposium on Fisheries Science in Mexico. La Paz, Mexico, May 2005.

- Knuth, B.A. 2005. Global partnerships. Address to the Japanese Society of Fisheries Science annual meeting, Tokyo University of Marine Science and Technology. Tokyo, Japan. April 2005.
- Knuth, B.A. 2005. Contaminants in Seafood: Important Considerations for Industry, Consumers, and Policy Makers. Environmental Speaker Series, University of Florida Environmental and Land Use Law Program. Gainesville, March 2005.
- Knuth, B.A. 2005. Using Controversial Science Studies to Teach Science Concepts to High School and Middle School Students. Cornell Science Inquiry Partnerships Seminar. Cornell University, Ithaca, NY, January 2005.
- Knuth, B.A. 2004. A Global Assessment of Organic Contaminants in Farmed and Wild Salmon. Cornell Trustee/Council Weekend, Cornell University, Ithaca, NY. October 2004.
- Knuth, B.A. 2004. Creating a Fisheries Mosaic. Presidential Address, Annual Business Meeting, American Fisheries Society, Madison, WI, August, 2004.
- Knuth, B.A. 2004. The Importance of Strategic Planning. Leadership Training Workshop, American Fisheries Society Annual Meeting, Madison, WI. August, 2004.
- Knuth, B.A. 2004. Contaminants in Seafood: Important Considerations for Industry and Consumers. Sustainable Seafood Forum, 4<sup>th</sup> World Fisheries Congress. Vancouver, British Columbia, May, 2004.
- Knuth, B.A. 2004. A Web-based Risk Communication Guidance: Update and Demonstration. Fish Forum, San Diego, CA, January, 2004.
- Knuth, B.A. 2003. Strategic Planning. Leadership Training Workshop, American Fisheries Society Annual Meeting. Quebec City, Quebec. August, 2003.
- Knuth, B.A. 2003. If you don't know what you're fishing for, any lure will do. Leadership Training Workshop, Western Division American Fisheries Society Annual Meeting. San Diego, CA. April, 2003.
- Knuth, B.A. 2002. New version of the risk communication guidance. Fish Forum, AFS-USEPA. Burlington, VT, October, 2002.
- Knuth, B.A. 2002. If you don't know what you're fishing for, any lure will do. Leadership Training Workshop, American Fisheries Society Annual Meeting. Baltimore, MD. August, 2002.

- Knuth, B.A. 2001. The complex nature of the methylmercury message: Implications for risk communication. Symposium on Methylmercury: Impacts on Wildlife and Human Health. South Carolina Department of Natural Resources, April, 2001.
- Knuth, B.A. 2001. Hudson River ecosystem restoration: resident and community leader perceptions. Department of Natural Resources Research Seminar Series. Ithaca, NY. April, 2001.
- Knuth, B.A. 2001. The role of the Northeastern Division in effectively integrating with the AFS Strategic Plan. NED-AFS Leadership Training Workshop. Northeast Fish and Wildlife Conference, Saratoga Springs, NY. April, 2001.
- Knuth, B.A. 2001. Panelist for "Where Science Meets Public Policy: A Discussion of Environmental Outreach." Cornell University Center for the Environment, Ithaca, NY. April 2001.
- Knuth, B.A. 2001. Keynote Address. Risk communication challenges: Are the audiences hard to reach or are the messages hard to send? National Risk Communication Conference. USEPA and Minnesota Department of Health. Chicago, IL. May, 2001.
- Knuth, B.A. 2001. Evaluating risk communication programs. National Risk Communication Conference. USEPA and Minnesota Department of Health. Chicago, IL. May, 2001.
- Knuth, B.A. and W.F. Siemer. 2001. Fostering aquatic stewardship among diverse audiences: A key for fisheries sustainability? American Fisheries Society, Phoenix, AZ. August, 2001.
- Knuth, B.A. 2001. Implementing and integrating the AFS Strategic Plan. AFS Leadership Training Workshop. Phoenix, AZ. August, 2001.
- Knuth, B.A. 2000. Effective integration of the AFS Strategic Plan: The Society's key to a successful future for its units. AFS Leadership Training Workshop. St. Louis, MO, August, 2000.
- Knuth, B.A. 2000. Changes within the university as a microcosm of the future of the wildlife management profession. NYSDEC Bureau of Wildlife Annual Meeting. Hamilton, NY, March, 2000.

- Knuth, B.A. 1999. Effective risk communication outreach. Forum on Communicating Fish Contamination Issues to Diverse Communities. Los Angeles, CA. October, 1999.
- Knuth, B.A. 1999. Health advisory communication: what works and what doesn't? AFS-USEPA Forum on Contaminants in Fish. Alexandria, VA. October, 1999.
- Knuth, B.A. 1999. Effectively integrating the AFS Strategic Plan throughout the Units. AFS Leadership Training Workshop, Charlotte, NC. August, 1999.
- Knuth, B.A. 1999. Effective risk communication: Who needs advisories, who heeds them, and why? Hudson River Environmental Society, Marist College. June, 1999.
- Knuth, B.A. 1999. Informed public participation in natural resource decisions - necessity or frill? University of Vermont. April, 1999.
- Lauber, T.B. and B.A. Knuth. 1998. Public attitudes toward fertility control. Symposium on deer management. The Wildlife Society Annual Meeting. Buffalo, NY. September, 1998.
- Siemer, W.F. and B.A. Knuth. 1998. Fishing and stewardship outcomes associated with Hooked on Fishing - Not on Drugs programs. Aquatic Resource Educator's Association Meeting. Hartford, CT. August, 1998.
- Knuth, B.A., W.F. Siemer, and T.B. Lauber. 1998. Changes in the social landscape: implications for fish and wildlife management. Plenary Session, 54th Northeast Fish and Wildlife Conference. Camp Hill, PA. May, 1998.
- Knuth, B.A. 1998. Social perceptions of fisheries and water quality. New York Chapter American Fisheries Society Annual Meeting. Owego, NY. January, 1998.
- Knuth, B.A. 1997. Presentation of 1997 Federal-State Action Plan. American Fisheries Society-USEPA Forum on Contaminants in Fish. Alexandria, VA. December, 1997.
- Lauber, T.B., J.D. Deshler, B.A. Knuth, P.D. Curtis, and A. Turner. 1997. Educating citizens about natural resource policy disputes. Cornell University, Ithaca, NY. (workshop). September 9.
- Knuth, B.A. 1997. Weighting stakes: implications from the citizen task force approach. New York Chapter of The Wildlife Society, Annual Meeting. Hamilton, NY. January, 1997.

- Lauber, T.B. and B.A. Knuth. 1997. Making citizen participation work: a case study of moose management. New York Chapter of The Wildlife Society, Annual Meeting. Hamilton, NY. January, 1997.
- Lauber, T.B. and B.A. Knuth. 1996. The citizen participation book of virtues. Policy Sciences Institute, Yale University. New Haven, CT. October, 1996.
- Knuth, B.A. 1996. Stakeholder participation and sustainability of Great Lakes Fisheries. American Fisheries Society Annual Meeting, Dearborn, MI. August, 1996.
- Knuth, B.A. 1996. Fish consumption health advisory communication: past, present, and future. American Fisheries Society Annual Meeting, Dearborn, MI. August, 1996.
- Knuth, B.A. 1996. Risk communication: Effectiveness of advisories. 1996 AFS Forum on Contaminants in Fish. Alexandria, VA. June, 1996.
- Knuth, B.A. 1996. Panelist for Round table on "Myths Associated with Student Ratings of Teaching." College of Agriculture and Life Sciences, Cornell University, Ithaca, NY. March, 1996.
- Knuth, B.A. 1996. Two examples of citizen involvement in and commitment to Great Lakes resource management. St. Lawrence Lecture Series, University of Ottawa. March, 1996.
- Gurwick, N.P., B.L. Bedford, and B.A. Knuth. 1995. Wetland ownership patterns in the Hudson Basin: Implications for N.Y.S. Cooperative Extension. Cornell Cooperative Extension In-Service Training Week. Ithaca, N.Y. November, 1995.
- Knuth, B.A. 1995. Human perceptions and behaviors associated with Great Lakes Fish Consumption Advisories. Workshop on Incorporating Human Health Considerations in Remedial Action Plans. Great Lakes Research Consortium, Detroit, MI. February, 1995.
- Knuth, B.A. 1994. Health advisory risk communication: an overview and synthesis of research. USEPA Multiregional Water Quality Standards Workshop. Chicago, Illinois. December, 1994.
- Knuth, B.A. 1994. (with H. Carter and R. Baer). Stewardship and the environment: A panel discussion about perspectives on stewardship (management, religion, and law). New York Land Use and Environmental Stewardship Seminar Series, Cornell University. October, 1994.
- Knuth, B.A. 1994. Held values associated with wild trout. The 5th Wild Trout Symposium. Yellowstone National Park, Wyoming. September, 1994.

- Knuth, B.A. and H. Doig. 1994. Managing as if people mattered: The importance of human dimensions methods and information in fish and wildlife management. The 5th International Symposium on Society and Resource Management, Ft. Collins, Colorado. June, 1994.
- Knuth, B.A. 1994. Gender issues associated with natural resources and the profession: Myths and realities. Missouri Forest, Fish, and Wildlife Conference, Osage Beach. February, 1994.
- Knuth, B.A. 1994. Mentoring: Building the future profession. Missouri Women in Natural Resources Annual Meeting, Osage Beach. February, 1994.
- Knuth, B.A. 1994. Fisheries and wildlife management in New York today: A cross-disciplinary perspective. Annual Meeting of the New York Chapters of the American Fisheries Society and the Wildlife Society, Owego. January, 1994.
- Knuth, B.A., S. Lerner, N.A. Connelly, and L. Gigliotti. 1994. Fishery and environmental managers' attitudes about and support for lake trout rehabilitation in the Great Lakes. RESTORE Conference of the Great Lakes Fishery Commission, Ann Arbor, Michigan. January, 1994.
- Knuth, B.A. and N.A. Connelly. 1993. Recommendations for communicating fish consumption health advisories. Annual Meeting of the American Fisheries Society, Portland, Oregon. September, 1993.
- Knuth, B.A. 1993. Water quality and fishery managers' attitudes toward lake trout rehabilitation in the Great Lakes. Cornell University, Ithaca, New York. March, 1993.
- Knuth, B.A. 1993. Views of fishery and environmental professionals on lake trout rehabilitation. Annual Meeting of the Michigan Chapter of the American Fisheries Society, East Lansing, March, 1993.
- Knuth, B.A. 1993. Managers' values and beliefs: lake trout rehabilitation. Great Lakes Expectations. East Lansing, Michigan. March, 1993.
- Knuth, B.A. 1993. New York State Lake Ontario angler cohort study: health advisory knowledge and related attitudes and behavior. University at Buffalo, February, 1993.
- Knuth, B.A. 1992. Testimony in opposition to a proposed dioxin water quality standard. Board of Environmental Protection. Augusta, Maine, November 1992.

- Knuth, B.A. 1992. Constructing and communicating effective health advisories. Council of Great Lakes Governors Fish Advisory Task Force. Dearborn, Michigan, October, 1992.
- Knuth, B.A. 1992. Policy implications of communicating health risks from fish consumption. International Conference on Mercury as a Global Pollutant. Monterey, California, June, 1992.
- Knuth, B.A. 1991. The use of personal interviews to assess fish consumption rates. U.S. Environmental Protection Agency Workshop on Methods to Assess Subsistence and Recreational Fish Consumption Rates. Washington, D.C., December, 1991.
- Knuth, B.A. 1991. Risk communication and sport-fishery management. Great Lakes Research Consortium Seminar Series, Syracuse, New York. March, 1991.
- Knuth, B.A. 1990. Risk communication and sport-fish consumption advisories. Federal-state forum sponsored by U.S.E.P.A., American Fisheries Society, Annual Meeting, Pittsburgh, Pennsylvania, August, 1990.
- Knuth, B.A. and C.M. Springer. 1989. Lake Ontario anglers' perceptions and attitudes toward fish consumption advisories. Symposium on the Management of Contaminated Urban Fisheries. 51st Midwest Fish and Wildlife Conference, Springfield, Illinois, December 3-6, 1989.
- Knuth, B.A. 1989. Risk communication and risk management in Great Lakes sport-fisheries. National Wildlife Federation, Ann Arbor, Michigan, April 13, 1989.
- Knuth, B.A. 1989. Social science issues in fishery science and management. New York Chapter American Fisheries Society, Binghamton, New York, January 27-28, 1989.
- Knuth, B.A. 1987. The Conservation Reserve Program: effects of agricultural policy on fish and wildlife resources. Environmental Law and Policy Program, Cornell, December, 1987.
- Knuth, B.A. 1987. Farm policy, wildlife, and agriculture, Cornell Chapter of The Wildlife Society, April, 1987.
- Knuth, B.A. 1987. Content analysis for evaluating public interests. Conference on Social Science: Applications to Fisheries Management, New York Chapter American Fisheries Society, Ithaca, New York, July 20-22, 1987.

Knuth, B.A. 1980. Graduation Address. School of Interdisciplinary Studies (Western College Program), Oxford, Ohio, May, 1980.

### **Contributed**

Van Den Berg, H. and B.A. Knuth. 2009. Conflicts and political activism over waterfowl hunting or wildlife trapping in New York: Insights for engagement with stakeholder networks. 16<sup>th</sup> Annual Meeting of The Wildlife Society. Monterey, CA. September 2008.

Knuth, B.A. and Committee on International Capacity, National Academies Ocean Studies Board. 2008. Building Capacity for the Protection and Sustainable Use of Oceans and Coasts. Fifth World Fisheries Congress. Yokohama, Japan. October 2008.

Kretser, H. and B.A. Knuth. 2008. Landscape characteristics and social survey data as predictors of human-black bear interactions in the Adirondack Park, USA. Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management conference. Estes Park, Colorado. September 2008.

Van Den Berg, H. and B.A. Knuth. 2008. Role of social networks and collective actions for influencing wildlife management. Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management conference. Estes Park, Colorado. September 2008.

Kretser, H., R. Pendall, P. Curtis, J. Francis, and B.A. Knuth. 2008. Individual and societal implications associated with human-wildlife interactions in urban and exurban areas of Northern New York. International Symposium on Society and Resource Management. Burlington, Vermont. June 2008.

Lauber, T.B., E.J. Taylor, D.J. Decker, and B.A. Knuth. 2008. Professional development among natural resource professionals. The influence of organizational and professional commitment. International Symposium on Society and Resource Management. Burlington, Vermont. June 2008.

Van Den Berg, H.A., B.A. Knuth, and Y. Yuan. 2008. Expanding human dimensions of wildlife management research to include social network analysis. International Symposium on Society and Resource Management. Burlington, Vermont. June 2008.

Krester, H.E. and B.A. Knuth. 2008. Landscape characteristics and social survey data as predictors of human-black bear interactions in the Adirondack Park, USA. Adirondack Park Research Consortium. April 2008.

Van Den Berg, H.A. and B.A. Knuth. 2008. Conceptualizing social conflicts over

- waterfowl hunting and furbearer trapping. Northeast Fish and Wildlife Conference. Galloway, NJ. April 2008.
- Mills, K.E. and B.A. Knuth. 2007. Governance implications of multi-stakeholder understandings of ecosystem-based management in the Gulf of Maine. Bay of Fundy Ecosystem Partnership Science Workshop. St. Andrews, New Brunswick. October 2007.
- Connelly, N.A., C.R. O'Neill, Jr., B.A. Knuth, and T.L. Brown. 2007. Estimating the economic impact of zebra mussels within their North American range, 1989 to 2004. Invasive Plants on the Horizon and More Conference. Albany, New York. February 2007.
- Mills, K.E. and B.A. Knuth. 2006. Confronting trade-offs associated with ecosystem-based management: an evaluation of alternative governance arrangements. American Fisheries Society Annual Meeting. Lake Placid, New York. September 2006.
- Lauber, T.B., B.A. Knuth, and D.J. Decker. 2006. Prerequisites for effective community-based collaboration in forested regions. Twelfth International Symposium on Society and Resource Management. Vancouver, Canada. June 2006.
- Faulds, A., N.A. Connelly, and B.A. Knuth. 2006. A Summary of the 2003 Pennsylvania Fish Consumption Survey. Delaware Estuary Fish Consumption Summit. Temple University, May/June 2006.
- Kretser, H., B.A. Knuth, and P.J. Sullivan. 2006. Using spatial point processes to assess distribution of reported human-wildlife interactions in Northern New York. Adirondack Research Consortium, May 2006.
- Connelly, N.A., C.R. O'Neill Jr., B.A. Knuth, and T.L. Brown. 2006. Estimating the economic impact of zebra mussels within their North American Range, 1989 to 2004. 14<sup>th</sup> International Conference on Aquatic Invasive Species. Key Biscayne, FL. May 2006.
- Gore, M.L. and B.A. Knuth. 2006. The influence of perceived wildlife-associated risks on outdoor recreation behavior: Implications for management and education. Northeast Fish and Wildlife Conference. Burlington, VT. April 2006.
- Lauber, T.B., T.L. Brown, D.J. Decker, B.A. Knuth, K.M. Leong, and D.B. Raik. 2005. Public involvement research: Expanding our view. Society for Human Ecology Annual Meeting. Salt Lake City, UT. October, 2005.

- Gore, M.L., B.A. Knuth, P.D. Curtis, J.E. Shanahan, and M. Merchant. 2005. Reducing human-black bear conflict in Southeastern New York: The New York NeighBEARhood Watch Program. 12<sup>th</sup> Annual Meeting of The Wildlife Society. Madison, WI. September, 2005.
- Mills, K. and B.A. Knuth. 2005. Governance models to support ecosystem-based fisheries management. American Fisheries Society Annual Meeting. Anchorage, AK. September, 2005.
- Knuth, B.A. 2005. The U.S. National Fish Habitat Initiative. Fisheries Society of the British Isles Annual Meeting. Bangor, Wales. July, 2005.
- Gore, M.L., B.A. Knuth, P.D. Curtis, and J.E. Shanahan. 2005. Education and communication programs designed to reduce human-bear conflict: Indicators of success? 18<sup>th</sup> Eastern Black Bear Workshop. Tallahassee, FL. April, 2005.
- Gore, M.L. and B.A. Knuth. 2004. Comparison of intervention programs designed to reduce human-bear conflict. The Wildlife Society Annual Meeting. Calgary, British Columbia. September, 2004.
- Hites, R.A., J.A. Foran, S.J. Schwager, B.A. Knuth, M.C. Hamilton, and D.O. Carpenter. 2004. Global assessment of polybrominated diphenyl ethers in farmed and wild salmon. Dioxin 2004 World Conference. Berlin, Germany. September 2004.
- Gore, M.L., B.A. Knuth, J.E. Shanahan, and P.D. Curtis. 2004. Exploring perceptions of risk associated with human-bear conflicts in New York's Adirondack Park campgrounds. International Symposium for Society and Natural Resource Management. Colorado, June, 2004. (also presented at 60<sup>th</sup> Northeast Fish and Wildlife Conference, Ocean City, MD, April, 2004; The Wildlife Society Annual Meeting, Calgary, Alberta, Canada, September, 2004; and the 15<sup>th</sup> International Conference on Bear Research and Management, San Diego, CA, February, 2005).
- Lauber, T.B., J.A. Tantillo, B.A. Knuth, and P.D. Curtis. 2004. The ethics of wildlife fertility control: Citizens' perspectives and implications for policy making. Tenth International Symposium on Society and Resource Management. Colorado, June, 2004.
- Kong, Seng Ly, B.A. Knuth, H. Acquay, and M.E. Krasny. 2004. Extension and fishery co-management in Cambodia. 4<sup>th</sup> World Fisheries Congress, Vancouver, British Columbia, May, 2004.
- Lauber, T.B., A.L. Wilson, B.A. Knuth, and D.J. Decker. Pre-requisites for effective community-based collaboration in the Adirondacks and the Northern Forest. Adirondack Research Consortium Conference. May, 2005.
- Lauber, T.B., B.A. Knuth, and D.J. Decker. 2003. Community collaboration for northern

- forest conservation and development. Northeastern States Research Cooperative Meeting. Burlington, Vermont. November, 2003.
- Connelly, N.A., and B.A. Knuth. 2002. Risk/benefit tradeoffs: What goes on in the minds of anglers when deciding to eat sport-caught fish? American Fisheries Society Annual Meeting. Baltimore, MD. August, 2002.
- Lauber, T.B., T.L. Brown, D.J. Decker, B.A. Knuth, D.B. Raik, and T.M. Schusler. 2002. Transforming human communities in wildlife management: an emerging focus. NE Fish and Wildlife Conference. Portland, ME. April 2002.
- Connelly, N.A., and B.A. Knuth. 2001. Does comparative dietary risk information help anglers make decisions about sport-caught fish consumption? American Fisheries Society Annual Meeting, Phoenix, AZ. August 2001.
- Connelly, N.A., and B.A. Knuth. 2000. Support for Hudson River ecosystem restoration: superficial or substantial? Eighth International Symposium on Society and Resource Management, Bellingham, WA. June, 2000.
- Connelly, N.A., T.L. Brown, and B.A. Knuth. 1999. Comparison of anglers and fishery professionals: Their fishing preferences and views on management. American Fisheries Society Annual Meeting, Charlotte, NC. August, 1999.
- Zanetell, B.A. and B.A. Knuth. 1999. Willingness to participate in, and the potential for, community-based fishery management in a rural Venezuelan watershed. American Fisheries Society Annual Meeting, Charlotte, NC. August, 1999. (Received Honorable Mention in Best Student Paper Competition.)
- Anderson, P., D. Cartledge, M. Daviglus, M. Dourson, B. Knuth, E. Murkin, J. Patterson, J. Sheeshka, J. Stober, and J. Unrine. 1999. Comparative dietary risks: Balancing the risks and benefits of fish consumption. Society of Toxicology Annual Meeting, New Orleans, LA. March, 1999. (selected for excellence by the Risk Assessment Specialty Section).
- Connelly, N.A., T.L. Brown, and B.A. Knuth. 1998. A marketing approach for characterizing New York's Great Lakes fisheries. American Fisheries Society Annual Meeting, Hartford, CT. August, 1998.
- Lauber, T.B. and B.A. Knuth. 1998. Evaluating the reasoning of citizens involved in management decision making. Organization of Wildlife Planners Annual Conference. Coeur d'Alene, ID. April, 1998.

- Knuth, B.A. 1998. Social perceptions of fisheries and water pollution. Resource Policy, Management, and Human Dimensions Seminar Series. Cornell University, Ithaca. February, 1998.
- Knuth, B.A. 1998. Using student team projects and role-plays to simulate fishery resource management conflicts. American Fisheries Society Annual Meeting. Hartford, CT. August, 1998.
- Siemer, W.F. and B.A. Knuth. 1998. Fishing and stewardship outcomes associated with Hooked on Fishing - Not on Drugs programs. 54th Northeast Fish and Wildlife Conference. Camp Hill, PA. May, 1998.
- Connelly, N.A. and B. A. Knuth. 1998. Using diaries to examine children's fishing patterns. New York Chapter American Fisheries Society. Owego, NY. January, 1998.
- Cordova, A. and B.A. Knuth. 1998. Assessing the opportunity for collaborative natural resource and land-use planning: an application to the Copper Canyon Region, Mexico. GSA Symposium, Department of Natural Resources, Cornell University. January, 1998.
- Gurwick, N.P. and B.A. Knuth. 1998. Attitudes toward wetlands regulation, land value, and landowner rights: views of New York State wetlands owners and permit applicants. GSA Symposium, Department of Natural Resources, Cornell University. January, 1998.
- Krasny, M., G. Goff, B.A. Knuth, T.B. Lauber, W.F. Siemer, and P. Smallidge. 1998. Human dimensions of forestry. GSA Symposium, Department of Natural Resources, Cornell University. January, 1998.
- Connelly, N.A. and B.A. Knuth. 1997. Children's fish consumption patterns and adherence to health advisory recommendations. American Fisheries Society Annual Meeting, Monterey, California. August 1997.
- Knuth, B.A. and D.J. Decker. 1997. Using citizen task forces to set deer population objectives in New York. Resource Policy, Management, and Human Dimensions Seminar Series. Cornell University, Ithaca. February 1997.
- Shapiro, M.A. and B. A. Knuth. 1997. Angler estimates of personal risk from chemically-contaminated fisheries. Poster presentation, Great Lakes Research Consortium Annual Meeting, Syracuse, NY. February 1997.
- Knuth, B.A. 1996. Bringing resource management disputes into the classroom: The use of stakeholder management teams. First Biennial Conference on University Education in Natural Resources. State College, Pennsylvania. March, 1996.

- Gurwick, N.P., B.L. Bedford, and B.A. Knuth. 1995. Patterns of permit applications and wetland ownership in the Hudson Basin. Polgar Fellows Symposium, Hudson River Foundation, Millbrook, N.Y. August, 1995.
- Dixon, D.O., W.F. Siemer, and B.A. Knuth. 1995. Measuring environmental stewardship among educators. Great Lakes Research Consortium Annual Meeting, Syracuse, New York. January, 1995.
- Vena, J.E., J.L. Freudenheim, B.A. Knuth, G. Buck, and E.F. Fitzgerald. 1993. Consumption of contaminated fish from Lake Ontario. 5th International Conference of the International Society for Environmental Epidemiology, Stockholm, Sweden. August, 1993.
- Stout, R.J., B.A. Knuth, P.D. Curtis and L.A. Myers. 1993. Opinions of urban residents about deer management techniques in Rochester, New York. 49th Annual Northeast Fish and Wildlife Conference, Atlantic City, NJ. April. 1993.
- Knuth, B.A. and N.A. Connelly. 1992. Behavioral responses of anglers to health advisories in the Great Lakes Region. American Fisheries Society Annual Meeting, Rapid City, South Dakota. September, 1992.
- Knuth, B.A. and M.W. Duttweiler. 1992. Recommendations for addressing the status of women and minorities in natural resource professions in New York State. American Fisheries Society Annual Meeting, Rapid City, South Dakota. September, 1992.
- Knuth, B.A. 1991. The role of risk perception and risk communication in natural resource management. Department of Natural Resources, Cornell University, Ithaca, New York, April, 1991.
- Landre, B.K. and B.A. Knuth. 1991. Public involvement in remedial action planning. Great Lakes Research Consortium Conference, Syracuse, New York, January, 1991.
- Knuth, B.A. and C.M. Velicer. 1990. Receiver-centered risk communication for sport fisheries: lessons from New York licensed anglers. American Fisheries Society Annual Meeting, Pittsburgh, Pennsylvania, August, 1990.
- Velicer, C.M. and B.A. Knuth. 1990. A risk communication perspective in the management of sport fisheries affected by chemical contamination. American Fisheries Society Annual Meeting, Pittsburgh, Pennsylvania, August, 1990.

- Springer, C.M. and B.A. Knuth. 1990. Anglers' attitudes and behaviors regarding the New York State fish consumption advisory for Lake Ontario: A risk communication perspective in fishery management. New York Chapter American Fisheries Society, Owego, New York, January 26-27, 1990.
- Landre, B.K. and B.A. Knuth. 1990. Remedial action planning in the Great Lakes Basin: an opportunity for fishery management interests. Poster session at New York Chapter American Fisheries Society, Owego, New York, January 26-27, 1990.
- Springer, C.M. and B.A. Knuth. 1990. Anglers' attitudes and behaviors regarding the New York State fish consumption advisory for Lake Ontario: A risk communication perspective in fishery management. Department of Natural Resources, GSA Symposium, Cornell, January 1990.
- Brown, T.L., M.P. Voiland, D.J. Decker, B.A. Knuth, and C.C. Krueger. 1989. Creel expectations and preferences of Lake Ontario salmonid boat anglers: the view of organization opinion leaders. 45th Northeast Fish and Wildlife Conference. Ellenville, New York, May 7-10, 1989.
- Oshins, C.A., C.M. Springer, and B.A. Knuth. 1989. By-products of a salmonid fishery: a new dimension in waste management. New York Chapter American Fisheries Society, Binghamton, New York, January 27-28, 1989.
- Springer, C.M. and B.A. Knuth. 1989. Risk perception and communication regarding chemically contaminated fish in Lake Ontario fisheries. Department of Natural Resources GSA Symposium, Cornell, January, 1989.
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