TED TIMOTHY CABLE

Department of Horticulture, Forestry & Recreation Resources
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EDUCATION

B.S., Biology (with honors), University of Illinois-Chicago (1974)
Teaching Certificate, Secondary Science Education, Purdue University (1976)
M.S., Wildlife Ecology, Purdue University (1980)
Ph.D., Forest Recreation Management, Purdue University (1984)

HONORS AND AWARDS

* *Best Interpretive Site Guide*, Region 6, National Association for Interpretation (2004)
* *Best Newsletter Essay,* Region 6, National Association for Interpretation (2004)
* *Faculty of the Semester*, Kansas State University, College of Agriculture (2003)
* *Best Presentation*, Association of Missouri Interpreters Annual Workshop (2002)
* *FELLOW*, National Association for Interpretation (2000)
* *Faculty Mentor Award,* Kansas Agricultural Experiment Station, Kansas State University (2000)
* *Award for Excellence in College & University Teaching in Agriculture*, US Dept. of Agriculture (1999)
* *Educators' Environmental Excellence Award,* US Environmental Protection Agency Region VII (1998)
* *Master of Interpretation*, National Association of Interpretation (1996)
* *Conoco Outstanding Undergraduate Teaching Award*, Kansas State University (1993)
* *Advisor of the Year*, College of Agriculture, Kansas State University (1988)
* *Outstanding Teaching Assistant*, College of Agriculture, Purdue University (1984)
* *Edmund J. James Scholar*, University of Illinois-Chicago (1974)

ACADEMIC AND PROFESSIONAL EXPERIENCE

Assistant Department Head and Professor, Department of Horticulture, Forestry & Recreation Resources, Kansas State University. Professor since 1995. Assistant Department Head since April 2002.

Responsibilities: Currently teaching Introduction to Natural Resource Management, Natural History for Park Managers, Methods of Environmental Interpretation, and Advanced Environmental Interpretation. Have also recently taught Outdoor Recreation Policy and Outdoor Recreation Leadership. Typically serve on about 5 graduate committees (outside our department) and advise 30-50 undergraduates. Research and consulting interests: human dimensions of wildlife conservation, rural ecotourism development, wetlands and water quality assessments, and nature interpretation training and planning.

Associate Professor, Department of Forestry and **Ancillary Faculty Member**, Ecology and Systematics, Division of Biology, Kansas State University. 1989-1995.

Responsibilities: Taught 3-5 courses per year in natural resource management, interpretation, and natural resource policy. Research projects dealt with: economics of wildlife-related recreation, wildlife habitat modeling, assessment of environment impacts, visual resource assessment. *Department Teaching Program Coordinator* (1995).

Assistant Professor and Teaching Program Coordinator, Department of Forestry, Kansas State

University. 1984-1988.
Responsibilities: Coordinated all teaching and advising programs, handled all correspondence related to departmental teaching and advising, served on departmental management team, taught Natural Resource Management, Environmental Interpretation, Management of Water Resources, and Park Management Seminar. Faculty advisor to Natural Resource Management Club 1984-1987.

Graduate Teaching/Research Assistant, Purdue University, West Lafayette, IN. 1978-1984.
Responsibilities: Taught Ornithology, Mammalogy, Wildlife Management, and Wildlife Techniques labs, Environmental Interpretation and assisted in various research projects.

Environmental Specialist, Indiana Department of Natural Resources, Indianapolis, IN. 1983-1984.
Responsibilities: Assisted in the Indiana Natural Heritage Program (INHP) inventory of threatened and endangered species, and maintained the INHP's database.

Visiting Scientist, Petawawa National Forestry Institute, Chalk River, Ontario, Canada. 1982-1984.
Responsibilities: Conducted research evaluating the social and economic benefits associated with the Canadian Forestry Service's Public Information Program. As part of this research I assessed change in the public's environmental attitudes as a result of exposure to the public information messages.

Science Teacher - Edison High School, Lake Station, IN. 1977-1978.
Responsibilities: Taught general science, botany, conservation and biology courses.

Park Naturalist 1974-1977. several naturalist positions with Lake County Parks and Recreation Department, Crown Point, IN and Cook County Forest Preserves, Chicago, IL
Responsibilities: Led nature hikes, talked to school groups, developed and maintained displays, led canoe trips, cared for captive animals, maintained trails and displays, and supervised laborers.

Other Selected Academic Service and Professional Activities (1990-2004)

* Visiting Professor, Department of Tourism, Blaise Pascal University, Clermont-Ferrand, France
* ESCOP/ACOP Leadership Program participant Class XI
* Paraguay's U.N. Global Environmental Facility Funding Task Force
* Chair, Partners of Americas, Kansas-Paraguay Natural Resources Committee
* Editor, *Journal of Interpretation Research*
* National Recreation and Parks Association Certified Professional
* Chair, Provost's Selection Committee for the University Teaching Scholar
* Kansas Dept. of Wildlife and Parks Nongame Wildlife Advisory Committee
* Kansas Agricultural Experiment Station Environmental Quality Planning Team
* Board of Directors, Natural Resource & Environmental. Science Secondary Major
* Completed course in *Conflict Management*
* Completed a course in *Time Management for Teachers, Advisors and Administrators*
* College of Arts & Sciences International Studies Advisory Committee
* University General Education Funding Advisory Board
* Associate Editor, *Legacy (NAI Magazine)*.
* Served on University General Education Curriculum Planning Team
* Developed and taught the first capstone course for Natural Res.& Environmental Sci. Secondary Major

* Editor, *Human Dimensions in Wildlife Newsletter*
* *Gamma Sigma Delta*, Agriculture Honorary, Executive Council Member & Secretary
* Have served as a manuscript reviewer for the following journals: *Society and Natural Resources, Journal of Park and Recreation Administration, Journal of Leisure Research, SPRE Research Annual, Human Dimensions and Wildlife, Great Plains Research, and the Wildlife Society Bulletin.*

Consulting Activities

* Presented interpretation training workshops to California State Parks, Missouri Dept of Conservation, Missouri Dept of Natural Resources, Indiana Dept of Natural Resources, Kansas Dept of Wildlife and Parks, U.S. Fish and Wildlife Service, U.S. National Park Service, US Army Corps of Engineers, The Morton Arboretum, several zoos and conservation organizations.
* Assisted in preparation of Environmental Impact Assessments of Wind Energy Farms in Kansas
* Wetland mitigation and Interpretive Planning Specialist, Kansas Dept. of Transportation
* Textbook consultant and reviewer for "*Environmental Science: A Global Concern*"
* Conducted a study for the TVA of boaters using lockages on the Tennessee River.
* Conducted use study of recreationists at Corps of Engineer reservoirs in Kansas.
* Designed a nature preserve for migrating birds on Lake Michigan for utility company.
* Inventoried wetlands and assessed their value as wildlife habitat for the Indiana DNR.
* Designed two parks and several natural areas for Western Resources Energy Corporation.
* Designed nature trails for the grounds of the Kansas Governor's Mansion.
* Assisted in preparation of Environmental Impact Statements and other environmental assessments on a variety of highway and pipeline projects in 13 states.

Community Service Activities

* Board of Directors, Paraguay-Kansas Partnership (Partners of the Americas)
* Kansas 4-H Foundation Advisory Committee
* Flint Hills Nature-based Tourism Alliance
* City of Manhattan, Citizen Advisory Board for Land Use Planning
* City of Manhattan, Riverside Park and Trail Committee
* Marlatt Memorial Park Planning Committee
* Supervised Student Community Service Teams in rural two Kansas communities
* Board of Directors, Kansas Ornithological Society
* Board of Directors, Sycamore Audubon Society
* Lead nature hikes and other activities for scouts, church groups, and other civic organizations

PUBLICATIONS AND PRESENTATIONS

<u>Books</u>

Cable, T and W. Maley. 2003. *Traveling Across Kansas: A Guide to I-70*. University Press of Kansas, Lawrence. 243p.

Knudson, D., T. Cable and L. Beck. 2003. *Interpreting Cultural and Natural Resources, Second Edition*. Venture Press, State College, PA. 422p

Cable, T. 2002. *Commitments of the Heart: Odysseys in West African Conservation.* Sagamore Publishing, Urbana, IL 285p. (Foreword by Dr. Jane Goodall)

Beck, L. and T. Cable. 2002. *Interpretation for the 21st Century. Fifteen Guiding Principles for Interpreting Nature and Culture. Second Edition*. Sagamore Publishing, Urbana, IL 204p.

Cable, T. 1996. *Birds of the Cimarron National Grassland.* USDA Forest Service. Rocky Mountain Forest and Range Experiment Station. Ft. Collins, CO. 108 p.

Book Chapters/Sections

Windbreaks, Wildlife, and Hunters" pp 33-355 Chapter *in* J.E. Rodiek ed. *Wildlife Habitats in Managed Landscapes*. Island Press. Washington, DC. 217p.

"Developing Policy for Public Access to Private Lands: A Case Study." Chapter *in* W.R. Mangun, ed., *Public Policy and Wildlife Conservation*. Southern Illinois University Press. 272p.

"The Wetland Habitat Assessment Technique (HAT)" contributed section *in* C. Bartoldus ed. *Comprehensive Review of Wetland Assessment Procedures.* Environ. Concern, Inc. Alexandria, VA

Numerous entries dealing with parks and wildlife. *Environmental Encyclopedia*. Gale Publishing, Inc. Detroit, MI. 981p.

Research Publications/ Presentations (since 1992)

Over 150 Research Publications and Presentations, including the following for the ***past 12 years****.*

Rivers, J., T. Cable, and J. Pontius. 2003. Influence of nest concealment and distance to habitat edge on depredation rates of simulated grassland bird nests in southeast Kansas. *Trans. Kansas Academy of Science* 106(1-2):40-47.

Beck, L. and T. Cable.2003. The meaning of interpretation. *Journal of Interpretation Research* 7(1):7-10

Cable, T. 2002. Attitudes of Kansas agricultural producers about riparian areas and wildlife conservation. *Journal Human Dimensions in Wildlife*. 7:141-142.

Cable, T. K. Van Why, P.Gipson, and R. Applegate. 2002. Kansas turkey hunters: Characteristics, experiences, and opinions about management practices. 9th Symposium on Society and Resource Management. Indiana University, Bloomington, IN (abstr.)

Applegate, R., P. Gipson, T. Cable, and K. VanWhy. 2002. Attitudes of Kansas turkey hunters: Wild Turkey Federation members vs. nonmembers. *Journal Human Dimensions in Wildlife*. 7:217-219.

VanWhy, K., R. Applegate, T. Cable, P. Gipson, and M. Chamberlain. 2002. Use of Internet and email by hunters: Is it a tool for wildlife-related human dimensions surveys? The Wildlife Society Annual Meetings, Fargo, ND (abstr.)

Cable, T. 2001. The role of interpretation of cultural and natural resources in ecotourism development. *Informatore Botanico Italiano* 33(1):1-5

Rivers, J., T. Cable and C. Lee. 2001. Seasonal Avian Use of Farmed Kansas Wetlands. Kansas Agric. Exp. Stat. Rept. 863. 26p.

VanWhy, K., T. Cable, R. Applegate, and P. Gipson. 2001. Survey of Kansas Wild Turkey Hunters: Experiences, Opinions, and Satisfactions. Kansas Agric. Exp. Stat. Rept. 874. 25p.

Cable, T. 2000. The role of interpretation in ecotourism. Proc. International Conf. on Forest Ecosystems: Ecology, Conservation, and Sustainable Management. Chengdu, P.R. China: 27

Cable, T., K. Fingerhut, and J. A. Fox. 2000. Conservation of riparian areas on private lands in Kansas: An economic analysis. *Proc. Symposium Social Science and Natural Resources,* Western Washington Univ., Bellingham, WA p. 56 (abstr.)

Rivers, J. and T. Cable.2000. The role of farmed wetlands as habitat for birds in Kansas. *Proc. 52nd Annual Meeting Kansas Ornithological Society*, Overland Park, KS (abstr.)

Cable, T., J. Rivers, and P. Gipson. 2000. Avian use of farmed wetlands in Kansas. *Proc. Symposium Social Science and Natural Resources* Western Washington Univ., Bellingham, WA p. 56 (abstr.)

Cable, T. 1999. The nonagricultural benefits of windbreaks in Kansas. *Great Plains Research*: *A Journal of Natural and Social Sciences* 9(1):41-53.

Cable, T. and P. Cook 1999. Small mammals in central Kansas windbreaks in winter. Trans. Kansas Academy of Science 102(3-4):142-143.

Cable, T. and K. Fingerhut.1999. Attitudes of Kansas agricultural producers about riparian areas and endangered species. *Proc. The Wildlife Society Annual Meetings*, Austin TX (abstr).

Cable, T., J. A. Fox, and J. Rivers.1999. Attitudes of Kansas Agricultural Producers about Riparian Areas, Wildlife Conservation, and Endangered Species. Kansas Agri. Exp. Station Rept. 830. 22p.

Cable, T. and P. Cook. 1997 Beliefs and behaviors regarding windbreaks in Kansas. *Journal of Human Dimensions in Wildlife Management* 2(4):62-64.

Cable, T. and P. Cook. 1997 Wildlife conservation attitudes and intentions of Conservation Reserve Program Participants. *Human Dimensions in Wildlife Management* 2(1):81-83.

Cable, T. 1997. Farmers' attitudes and behaviors toward shelterbelts in Kansas. Proc. of 1996 Soc. of American Foresters National Conf. Albuquerque, NM pp. 441-443. (abstr.)

Cable, T. 1997. Farmers' attitudes and behaviors toward shelterbelts in Kansas. *Proc. International Wind Erosion Symposium* (CD-ROM format)

Cable, T. 1997. Social benefits of windbreaks. International Wind Erosion Symposium. KSU, Manhattan, KS. June 3-5, 1997.

Cook, P. and T. Cable. 1996. Attitudes toward state-level threatened and endangered species protection in Kansas. *Journal of Human Dimensions in Wildlife* 1(4):1-13.

Cook, P. and T. Cable. 1995. The scenic beauty of shelterbelts on the Great Plains. *Landscape and Urban Planning.* 32:63-69.

Cable, T. 1996. Valuing an urban ecological resource: Sierra del Chico. A Report to the Bank of Colombia (in Spanish and English) 30 p.

Cable, T. 1995. Human dimensions in wildlife research: Hidden treasures. *Legacy* 6(2):20- 21.

Knudson, D., T. Cable, and L. Beck. 1995. Benefits of interpretation to society. *Legacy* 6:33-35.

Beck, L., Cable, T., and Knudson, D. 1995. Volunteers in parks -- An escalating trend. *The Journal of Recreation and Leisure* 14(1):89-96.

Udd, E. and T. Cable. 1995. *Report on Selected Ecotourism Sites in Campeche, Mexico.* 16 p.

Diebel, P., T. Cable, and P. Cook. 1994. *The Future of Conservation Reserve Program in Kansas: The Landowner's View*. Kansas Agric. Exp. Stat. Rept. 690. 56p.

Poresky, R. and T. Cable. 1994. The Kansas wildlife scales: development, reliability, and validity. *Educational and Psychological Measurement* 78:1345-1346.

Cable, T. 1994. First record of three-banded plover (*Charadruis tricollaris*) in Ivory Coast. *Malimbus: Journal of West African Ornithology* 16(1):57-58.

Goodwin, B., L. Offenbach, T. Cable, and P. Cook. 1993. Discrete/continuous contingent valuation of private hunting access in Kansas. *J. Environmental Management* 39:1-12.

Udd, E., T. Cable and P. Mayer. 1993. Leisure experiences: Time, space and entropy. Proc. *Canadian Congress of Leisure Research*.

Cable, T. 1992. Kansas landowners' attitudes about windbreaks. Proc. *Society of American Foresters National Congress:* 267-270.

Cable, T., R. Schroeder, V. Brack, and P. Cook. 1992. The use of Kansas windbreaks by birds *The Prairie Naturalist* 24(3):175-184.

Schroeder, R., T. Cable, S. Haire. 1992. Wildlife species richness in shelterbelts: A test of a habitat model. *Wildlife Society Bulletin* 20:264-273.

Cook, P. and T. Cable. 1992. An application of the Scenic Beauty Estimation method to shelterbelts on

the Great Plains. *Proc. 4th North American Symposium on* Society and *Resource Management*. p.288.

Poresky, R. and T. Cable. 1992. Kansan's attitudes regarding threatened and endangered wildlife. *Proc. Kansas Academy of Science* 11:36.

Recent Freelance Magazine Articles and Essays

Cable, T. 2003. The gift of swifts. *NAI Naturalists Newsletter* 1(3):3-4. (Invited essay)

Cable, T. 2003. Interpretive lighthouses. *Visions* 16(4):1 (reprinted in California State Parks Newsletter and several other professional newsletters)

Cable, T. 2003. The birds in your chimneys. *Birder's World* Feb. 2003. 17(1):36-41.

Cable, T. 2002. Five tips for better interpretation. *The Tallgrass Gazette*. Winter 2002. p.3

Cable, T. 2002. The cornerstone of Kansas. *Birder's World* June 2002. 16(3): 52-60.

Cable, T. 2001. "Environmental education vs. interpretation: Tilting at windmills or slaying dragons." *The Center - The Nature Center Directors Newsletter* 4 (3):4-5.

Cable, T. and L. Beck. 2001. The need for interpretation: Now more than ever. *Legacy* 12(3):47.

Cable, T. 2000. Winged therapy. *Birder's World*. 14 (5): 66-68.

Cable, T. 1999. Tools of the trade: Field use of microcassette recorders. *Horned Lark* 26(1):16-17.

Cable, T. 1999. Ecotourism in Paraguay: The heart of South America. *Kansas Paraguay Partners Newsletter*. Sept. 1999. 1-2.

Cable, T. 1999. Becoming better interpreters. *Legacy.* 10(6):14-16.

Recent Keynote Speeches, Workshops, and Invited Presentations

The Role of Tourism and National Parks in United States, Seminar to faculty and students, University of Grenoble, Grenoble, France

Sustainability and Tourism in Costa Rica, UCR/KSU/KU Symposium: Educational Collaboration in a Global Society, University of Kansas, Lawrence, KS

Interpretive Lighthouses, Keynote Address, National Association for Interpretation Region 5 Annual Conference, Arbor Day Foundation, Nebraska City, NE

The Gifts of Interpretation National Association for Interpretation Region 5 Annual Conference, Arbor Day Foundation, Nebraska City, NE

Finding Beauty from West Africa to Western Kansas, Smithsonian's Listening to the Prairie Lecture Series, Manhattan, KS

Interpretive Skills for Naturalists (3-day workshop), The Morton Arboretum Naturalist Certification Program, Lisle IL

Becoming Better Interpreters, Keynote Address, 8th Annual Chicago Stewardship & Wilderness Forum

The Gifts of Interpretation, 8th Annual Chicago Stewardship & Wilderness Forum

The Four C's of Interpretive Writing - workshop for Missouri Dept. of Natural Resources, Missouri Dept. of Conservation, and Louisiana State Parks, St. Louis, MO

Invited Lecture Series on interpretation, tour guiding, and rural tourism (4 lectures) at Pascal University, Clermont-Ferrand, France

Interpretation for Water Safety Rangers - workshop given annually for Kansas City District, US Army Corps of Engineers, Smithville, MO

The Gift You Are - Keynote Address. Assoc. Missouri Interpreters Annual Conference, Jefferson City, MO

Three Steps to Better Interpretation, Assoc. Missouri Interpreters Annual Conference, Jefferson City,

MO
Are Your Guests Getting It? – American Zoo and Aquarium Association Regional Meetings, Wichita, KS
Read, Travel, and Become Somebody - The Commencement Address, College of Agriculture, Kansas State University, Manhattan, KS
The Chaco as an Endangered Ecosystem - Kansas-Paraguay Partners Annual Conference., Bethel College, Newton, KS
West African Conservation: Policies, Problems, and Potential. Invited presentation to San Diego State University students, San Diego, CA
Ecotourism in Paraguay. Invited presentation to Kansas Paraguay Partners Conference, Manhattan, KS
The Role of Human Dimensions Research in Kansas. Invited presentation to the USDI Kansas Wildlife Cooperative Research Unit Annual Meeting, Manhattan, KS
Why Interpretation?, presentation to California State Park administrators. Sacramento. CA
The Principles of Interpretation, presentation to Konza Prairie Docents, Manhattan, KS
Celestial Interpretation, presentation to Missouri Dept of Conservation naturalist training, Columbia, MO
Interpretation at the Zoo. presentation to Sunset Zoo Docents, Manhattan, KS
Why Interpretation? presentation to Kansas Recreation and Parks Association, Manhattan, KS
Changing Lives Through International Travel presentation to United Nations Association - Manhattan Chapter annual meeting, Manhattan, KS
West Africa - Cultural and Natural Resources, Vernon Larson International Luncheon Lecture Series, Manhattan, KS
National Parks in Paraguay: Obstacles and Opportunities, presentation to Latin American Studies Association National Meeting, Chicago, IL
Paraguay -Opportunities for Progress, presentation to Kansas Paraguay Partners Annual Meeting, Lawrence, KS

EXTRAMURAL FUNDING RECEIVED

"*Impact of Watershed Specialists Activities in Kansas*" 2004-2005. Kansas Dept of Health and Environment. Co-Principle Investigator with S. Hill. $159,344.
"*Towards Meeting Kansas TMDL Goals: Education Combined with Volunteer Soil and Water Testing for Enhanced Natural Resource Stewardship*" 2003-2004. Kansas Dept of Health and Environment. Principal Investigators: Janke and Powell. I am subcontractor on grant budgeted in at $7,000.
Kansas Upland Game Bird Hunter Satisfaction with Management Programs for Wild Turkeys. Kansas Dept. of Wildlife and Parks. 2000-2001. Co-Investigator with P. Gibson and R. Applegate. $31,000.
Responses of Birds and Other Wildlife to Recreation Along The Niobrara River. U.S. Fish & Wildlife Service. 2000-2002. Co-Investigator with P. Gibson, D. Becker, D. Rintoul. $75,000.
Economic and Biological Assessment of Farmed Seasonal Wetlands. EPA. 1996-1999. Co-Investigator with C. Lee and S. Fox. $171,831.
The Future of CRP Lands in Kansas. Kansas Department of Wildlife and Parks. 1992. $10,000.
Fuelwood Consumption Study. USDA Forest Service. 1994. $18,689.
Urban Wetlands Video Production. USDI Fish and Wildlife Service. 1993-1994. $11,382.
Attitudes of Kansans about Threatened and Endangered Species. Kansas Department of Wildlife and Parks. 1991. $8,200.
Test of Shelterbelt Habitat Suitability Index Model. U.S. Fish and Wildlife Service National Ecology Research Center. Ft. Collins, CO. 1988-1991. $26,634.
Status of Small Mammals and Fox Squirrels in Kansas Shelterbelts. Kansas Wildlife and Parks. 1990-1991. $3,500.
Development of Natural Resource-based Recreation on Reclaimed Minelands. Kansas Department of Wildlife and Parks. 1989-1990. $10,050

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INTERNATIONAL EXPERIENCES

France (2002, 2004) In 2002 gave lectures on interpretation, tour guiding and rural tourism at Pascal University, Clermont-Ferrand, France. In 2004, served as Honorary Visiting Professor, Department of Tourism, Pascal University and gave guest lectures at other French universities.

Costa Rica (1998, 2000, 2001) -Made linkages for student and faculty exchanges at the Costa Rica Technical Institute and explored national parks and ecotourism sites for study tours and KSU International Community Service Program sites.

Paraguay (1990, 1997, 1999, 2000) - Assisted in ecotourism planning and development for Defenders of the Chaco National Park. Visited colleges and universities and the Natural History Museum to facilitate student and faculty exchanges and cooperation in conducting research. Lectured at universities and at Cultural Center on the topic of Environmental Ethics and Conservation Challenges for the 21st Century. Consulted with local officials interested in developing ecotourism in their regions and with officials of the Asuncion Zoo and Botanical Gardens regarding environmental education and tourism promotion. Consulted with National Park officials and visited National Parks in the east and southern regions to assess their potential as research sites and ecotourism destinations.

Mexico (1992, 1995, 2001) - In 1992 at the invitation of the Governor of Yucatan, I evaluated opportunities for student-exchange and environmental educational programs. Assessed sites for ecotourism potential. In 1995 served as ecotourism consultant for the State of Campeche and developed student exchange agreements between universities. In 2001 consulted with foundation developing Mayan sites and hacienda for tourism.

Peoples Republic of China (2000) - Participated in natural resources conference and study tour of national parks and forests. *An interpretation book I co-authored was translated into Chinese and is being used by colleagues there as well as in Taiwan to train tour guides and park rangers.*

Botswana and Zimbabwe *(1999)* - Led Kansas State University study tour through national parks and cultural sites in both countries.

Ghana and Cote d' Ivoire (Ivory Coast) *(1998)* - Led Kansas State University's first study tour to Africa.

Haiti (1996) - Consulting for Double Harvest, an agroforestry project serving rural villages.

Colombia *(1995)* - Assisted 3D International and the Bank of Colombia in assessing the economic value of a natural area in Bogota and design of a nature park.

Cote d' Ivoire (Ivory Coast) (1993-1994) - Teaching and research in Ivory Coast. Evaluated national parks for ecotourism potential, conducted wildlife surveys, researched book about West Africa.

Mali (1990) - Reviewed and consulted on agroforestry projects in Timbuktu region

Australia/New Zealand (1990) - Participated in study tour of National Parks and Reserves.

Canada (1982-1984) - Conducted socioeconomic research at the Petawawa Forestry Institute.

Scotland (1978) - Camp counselor, environmental education instructor.

PROFESSIONAL MEMBERSHIPS

The Wildlife Society
National Association for Interpretation
National Recreation and Park Association
National Association of Partners of the Americas (Kansas-Paraguay Partners)
Kansas Recreation and Park Association
Kansas Association for Conservation and Environmental Education