

TERRY L. SHARIK

PROFESSIONAL RESUME

September 2011

OFFICE ADDRESS

Department of Wildland Resources
Utah State University
5230 Old Main Hill
Logan, UT 84322-5230
TELEPHONE: 435-797-3819 (office), 734-972-2356 (cell)
FAX: 435-797-3796
E-MAIL: terry.sharik@usu.edu

HOME ADDRESS

1274 Island Drive
Logan, UT 84321
Cell phone: 734-972-2356

PRESENT POSITION (since July 1, 2008)

Professor, Department of Wildland Resources and Adjunct Professor, Department of Environment and Society, College of Natural Resources, Utah State University, Logan, UT 84322-5230

EDUCATION

West Virginia University, 1960-1964: BSF, Forestry and Wildlife Management, June 1964 (cum laude).

University of Michigan, 1964-1970: MF, Forest Recreation, April 1966; Ph.D., Forest Botany, August 1970.

TEACHING AND LEARNING

Experience

Teaching Fellow, Biology of Woody Plants (Dendrology), University of Michigan, 1964-68.

Instructor in Adult Education (Biology of Woody Plants), Matthaei Botanical Gardens, University of Michigan, 1967-1970.

Teaching Assistant, Forest Genetics, University of Michigan, 1970.

Assistant Professor of Biology, Oberlin College, 1971-73: Plant Diversity (Biol. A-101), Environment and Man (B-102), Biology of Vascular Plants (201), Systematics of Vascular Plants (326), General Ecology (320), Topical Seminar in the Biology of Woody Plants (407).

Assistant Professor of Forest Biology, Virginia Polytechnic Institute and State University, 1975-82: Dendrology (FOR 2200), Forest Ecology (FOR 3200, 3210), Conservation of Natural Resources (FOR 3040), Wildlife Habitat Ecology and Analysis (FIW 4501, 5502), Forest Genetics (FOR 5980, with P. P. Feret).

Faculty, Biological Station, University of Michigan, 1982-92 (summers): Plant Ecology (BOT 560), ASSIST Program for secondary school life science and biology teachers (NSF-sponsored), Research Experiences for Undergraduates (NSF-sponsored).

Associate Professor and Professor of Forest Ecology, Michigan Technological University, 1986-1993: Woody Plant Identification (FW 201), Biology of Woody Plants (FW 202), Forest Ecology (FW 210), Forest Community Ecology (FW 510).

Professor of Forest Ecology, Utah State University, 1993-present: Professional Orientation for Natural Resources Majors (FR 1990, ENVS 1990), Biology of Woody Plants (FR 3200), Woody Plants of the Sierras (FR 4910), Dendrology (WILD 5500), People and Forests (ENVS 4950/6900), Graduate Orientation Seminar (ENVS 6840/7840).

Awards:

University Distinguished Teaching Fellow, University of Michigan, 1968.

Distinguished Teacher of the Year, School of Forestry and Wood Products, Michigan Technological University, 1993.

Grants:

Development of audio-visual teaching aids in Biology, 1972 (Oberlin College, \$1,700).

Establishment of the Gombe School of Environment and Society, Tanzania: Phase I., 2005 (Walton Family Foundation and 8 individual donors, \$24,325, with Y. Fubusa and K. Clark).

Establishment of the Gombe School of Environment and Society, Tanzania. 2006-2007 (New England Biolabs Foundation, \$8,000, with Y. Fubusa and K. Clark).

Establishment of the Gombe School of Environment and Society, Tanzania: Phase II., 2006-2007 (International Community Foundation, \$49,666, with Y. Fubusa and K. Clark).

Establishment of the Gombe School of Environment and Society, Tanzania, 2007-2008 (New England Biolabs Foundation, \$10,000, with Y. Fubusa and K. Clark).

Establishment of the Gombe School of Environment and Society, Tanzania, 2008-2009 (International Community Foundation, \$77,500, with Y. Fubusa and K. Clark).

Establishment of the Gombe School of Environment and Society, Tanzania, 2005-present (Various private donors, \$117,868).

Undergraduate Enrollment Trends in Natural Resources, 2009-2010. (NAUFRP, \$1,000)

Sponsorship of the 7th North American Forest Ecology Workshop, 2009 (USDA Forest Service, \$5,000)

Rocky Mountain Sustainability and Science Network: Enhancing Student Understanding of Biological Science through Experiential Learning on Public Lands, 2010-2014. NSF, \$490,814, multi-institutional—cooperator)

New Positions at the Gombe School of Environment and Society, Tanzania, 2011 (Walton Family Foundation, \$127,650).

Graduate Committees:

Directed or co-directed committees of 29 graduate students (19 M.S., 10 Ph.D.), 1975-present, nearly all of whom were supported on research assistantships obtained from outside grants and contracts.

Served on 91 graduate committees (58 M.S., 33 Ph.D.), including own students and those of other faculty from Michigan Technological University, Virginia Polytechnic Institute and State University, University of North Carolina at Chapel Hill, University of Illinois at Chicago, Bowling Green State University, and Utah State University, 1975-present.

Undergraduate Advising

In addition to advising individual students, I have served as faculty adviser to the Student Chapters of the Wildlife Society (VPI&SU 1980-82; MTU, 1986-1988), International Association for Society and Natural Resources (USU, 2003-2004), Canterbury Fellowship (VPI&SU, 1980-1990), and Society of American Foresters (USU, 20008-present). I was also a member of the Mentor Program at Michigan Technological University from 1989-1991.

Evaluation of Teaching Performance:

Formal student and peer reviews of teaching are available upon request.

Peer Reviewer:

Graduate Degree Program in Environmental Science, Policy, and Management, University of California, Berkeley, 1995.

Society of American Foresters' accreditation review of undergraduate degree programs at the University of Tennessee, Knoxville, 1995 (Review Team Chair).

Society of American Foresters' accreditation review of undergraduate degree programs at Washington State University, Pullman, 2002 (Review Team Chair).

Society of American Foresters' and Society of Wood Science and Technology's accreditation review of undergraduate programs at North Carolina State University, 2005 (Review Team Chair).

Society of American Foresters' accreditation review of Masters degree program at the University of Michigan, Ann Arbor (Preliminary Review Team Member).

University of Montana peer review of the Department of Forest Management, 2009.

RESEARCH

Experience

Research Assistant, Island Creek Experimental Forest, Logan County, West Virginia, Summer 1963.

Research Assistant, School of Natural Resources, University of Michigan, Ann Arbor, 1967-1970.

Biologist, Ecological Sciences Division, NUS Corporation, Pittsburgh, Pennsylvania, 1973-1975.

Research Faculty, School of Forestry and Wildlife Resources, Virginia Polytechnic Institute and State University, Blacksburg, 1975-1982.

Research Faculty, Department of Biology, Virginia Polytechnic Institute and State University, Blacksburg, 1982-1986.

Research Faculty, School of Forestry and Wood Products, Michigan Technological University, Houghton, 1986-1993.

Research Faculty, Lake Superior Ecosystem Research Center, Michigan Technological University, Houghton, 1989-1993.

Research Faculty, Department of Forest Resources, Utah State University (USU), Logan, 1993-2002.

Research Faculty, Department of Environment and Society, USU, 2002-2007.

Research Associate, The Arnold Arboretum of Harvard University, Jamaica Plain, MA, 2000-2001 (sabbatical leave from USU).

Visiting Scholar, School of Natural Resources and the Environment, University of Michigan, Ann Arbor, MI, 2007-2008 (sabbatical leave from Utah State University).

Research Faculty, Department of Wildland Resources, USU, 2008-present.

Awards:

Carleton Macarron Scholarship, University of Michigan, 1966-1967.

National Science Foundation Research Trainee in Systematic and Evolutionary Biology, University of Michigan, 1967-1969.

Peer Reviewer:

Forest Science, Journal of Forestry (Editorial Board and Guest Editor), *International Journal of Forestry Research* (Guest Editor), *Canadian Journal of Forest Research, Forest Ecology and Management, Northern Journal of Applied Forestry, New Forests, Journal of Ecology, Ecological Applications, BioScience, Conservation Letters, Natural Areas Journal, American Journal of Botany, Journal of Mammalogy, Society and Natural Resources, Journal of Natural Resources and Life Sciences Education, American Midland Naturalist, South African Journal of Botany, International Journal of Remote Sensing, Bulletin Torrey Botanical Club, Southwest Naturalist, Michigan Botanist, NatureScope, Ranger Rick Magazine, Forest Ecology* (book, John Wiley and Sons), *Environmental Conservation* (book, John Wiley and Sons), *Environmental Problem Solving: A-How-To-Guide* (book, University Press of New England); *Oak Forest Ecosystems: Ecology and Management for Wildlife* (book, John Hopkins University Press), *Management Options for the Rehabilitation of Damaged Ecosystems* (book, CRC Press, one chapter), *Biogeography and Ecology of the Lake Erie Islands* (Symposium, one article), 15th Annual Natural Areas Conference (one article), Proceedings Central Hardwoods Forest

Conference, National Science Foundation (research proposals), U.S. Department of Agriculture (research proposals), U.S. Forest Service (Reinvention Plan, Interior Columbia River Basin Ecosystem Management Project Report, Experiment Station programs, Intermountain Research Station (manuscript)), U.S. Environmental Protection Agency (research programs, proposals, and professional personnel), International Arid Lands Consortium (research proposals), Center for Educational Policy Research (College Board AP Best Practices Course Study).

Grants and Contracts:

West Lorain alternate site study (Ohio Edison, 1974-75, \$38,000).

Regional site analysis, South Texas Project (Houston Lighting and Power, 1975-1976, \$12,000).

Inventory of Little Robbins Slough wetlands vegetation (Houston Lighting and Power, 1975-1976, \$20,000).

Revegetation of oil shale (Gulf-Standard, 1975-77, \$86,000).

The effects of commercial whole-tree harvesting on soil nutrients and natural regeneration (U.S. Forest Service, 1976-81, \$35,000; with D. W. Smith).

The effects of whole-tree harvesting on soil nutrients and natural regeneration (Virginia Agricultural Foundation, 1976-78, \$14,600; with D. W. Smith).

An environmental analysis of two potential sites for an Appalachian Power Company pumped storage hydroelectric facility (American Electrical Power Service Corporation, 1978-79, \$38,000; with D. W. Smith).

Dendrological studies in the Eastern Deciduous Forest Biome (U.S. Forest Service, 1978-80, \$28,000; with P. P. Feret).

Recovery plan for the endangered round-leaf birch, Betula uber (U.S. Fish and Wildlife Service, 1978-79, \$13,400).

Analysis of wetland-upland transitions in the Missouri River Basin of North Central United States (U.S. Army Corps of Engineers, 1979-80, \$24,615; with W. C. Johnson, R. A. Mayes & R. M. Mead).

Environment and annual changes in vegetation transition zones in wetlands of the Upper Missouri River Basin. (U.S. Army Corps of Engineers, 1980-81, \$23,947; with W. C. Johnson and R. A. Mayes).

Inventory of understory vegetation for the Brumley Gap area. (American Electric Power Service Corporation, 1980, \$8,953).

Quantifying natural regeneration following clearcutting of upland oak stands in the Virginia Piedmont. (U.S. Forest Service, 1981-84, \$23,000; with D. W. Smith).

Recovery efforts for the endangered Virginia round-leaf birch, Betula uber (U.S. Fish and Wildlife Service, 1981-91 (ten contracts), \$135,900; with P. P. Feret and D. M. Porter).

The impact of environment and genotype on the reproductive fitness of Fraser fir from Mt. Rogers and Mt. Mitchell (Environmental Protection Agency and U.S. Forest Service, 1985-88 (three contracts), \$132,516; with P. P. Feret, W. E. Winner and B. I. Chevone).

Polarimetric radar observation of forest state for determination of ecosystem process (NASA, 1988-93, \$846,866, with F. T. Ulaby, M. C. Dobson and J. A. Weber).

Interactions in the regeneration of oaks and pines in northern Michigan (Michigan Department of Natural Resources, 1988-93, \$92,000).

Regeneration ecology of eastern white pine (U.S. Dept. Agriculture--CSRS, 1988-1991, \$69,843).

Regenerating northern red oak in association with pine (U.S. Forest Service Challenge Grant, 1990-1992, \$75,250; with J. G. Isebrands).

Use of ERS-1 SAR image data in seasonal forest ecosystem studies (NASA--subcontract with University of Michigan, 1990-1993, \$30,500).

Litterfall, nutrient cycling and establishment of northern red oak seedlings in oak and pine stands (USDA-CSRS, 1990-1993, \$60,000; with M. F. Jurgensen).

Regenerating paper birch in the western Great Lakes Region, U.S. Forest Service challenge grant, (Lake States FOREM Cooperative and Champion International Corporation, 1990-1994 (three contracts), \$32,000, with D. Perala).

Population, distribution, and habitat study of threatened, endangered, candidate and sensitive species of plants and animals and neotropical birds within Hill Air Force Base Area of Operations (U.S. Dept. Defense, 1994-1999, \$1,500,000; Project Coordinator involving 9 P.I.'s in five departments at USU).

Enhancement of the Makerere University Biological Field Station, Kibale National Park, Uganda (U.S. Agency for International Development, 1995-1997, \$425,000; Subcontract with the Consortium for International Development, Tucson, AZ).

Bookcliffs aspen regeneration study (Bureau of Land Management, 1998-2001, \$47,477; Project Co-coordinator involving 4 PIs at USU).

Collaborative planning on the Caribou National Forest (Theodore Roosevelt Conservation Partnership, 2003-2004, \$15,000; Project Coordinator involving 3 faculty and 3 graduate students.).

Development of measures for Montreal Process Indicator 44 on the Importance of Forests to People (USDA Forest Service, 2007-2008, \$75,000; Co-PI with faculty at Auburn University, Michigan State University, Penn State University, Oregon State University, and University of Vermont).

Undergraduate enrollment trends in natural resources in the U.S. (State of Utah, 2007-2012, \$22,500).

Undergraduate Enrollment Trends in Natural Resources, NAUFRP, \$1,000 (2009-2010).

Preparing Forestry and Natural Resources Leaders in an Era of Change, U. S. Department of Agriculture, \$75,000 (2009-2011) (multi-institutional, cooperator).

Development of a Literature Database on the Scholarship of Teaching and Learning in Natural Resources, USDA/Clemson University, \$500 (2010).

Rocky Mountain Sustainability and Science Network: Enhancing Student Understanding of Biological Science through Experiential Learning on Public Lands. NSF, \$490,814 (2010-2014) (multi-institutional, cooperator).

LEGISLATIVE INITIATIVES (Base Funding)

Extension forestry to educate Utah's private forest landowners (State of Utah, 1997-present, \$102,000; with M. R. Kuhns).

Recreation and tourism research and extension program (State of Utah, 1998-present, \$150,000; with D. J. Blahna).

MANAGERIAL AND ADMINISTRATIVE EXPERIENCE OUTSIDE ACADEMIA

Section Manager, Vegetation Studies Program, Ecological Sciences Division, NUS Corporation, Pittsburgh, PA, 1973-75.

Project Manager, Terrestrial Ecology Studies, NUS Corporation, 1973-75 (South Texas Nuclear Project, Erie Nuclear Project, Rio Blanco Oil Shale Project).

ACADEMIC ADMINISTRATIVE AND COMMITTEE SERVICE

Peer Evaluation Committee, School of Forestry and Wood Products (SFWP), Michigan Technological University (MTU), 1986-1988 (Chair 1987-88).

Interim Status Report Committee for Society of American Foresters, SFWP, MTU, 1988.

Ecology Group, MTU, 1988-1993 (Coordinator 1988-1991).

Curriculum Committee, SFWP, MTU, 1987-90 (Chair, 1989-90).

Research Committee, SFWP, MTU, 1989-90 (Chair).

Peer Mentor Committee, MTU, 1989-1991.

Steering Committee on Lake Superior Ecosystem Study, MTU, 1989-1993.

Lake Superior Ecosystem Research Center, 1989-1993, Associate Director, 1992-1993.

Committee on Academic Calendar Change, MTU, 1990.

Commission to Evaluate the University Administration, MTU, 1990-1991.

Tenure & Promotion Committee, SFWP, MTU, 1990-1993 (Chair 1993).

Senate, MTU, 1991-1993 (Board of Control Liaison Task Force, 1991-92, President, 1992-1993).

University President's Cabinet, MTU, 1991-1993.

Soils Committee, SFWP, MTU 1991-1993.

Cooperative State Research Service (CSRS) Review Committee, SFWP, MTU, 1992-93.

Interschool Tenure and Promotion Committee, MTU, 1993.

Steering Team on Total Quality Management, MTU, 1993.

Head, Department of Forest Resources, Utah State University (USU), 1993-2002.

Head, Department of Environment and Society, USU, 2002-2007.

Dean's Council, College of Natural Resources, USU, 1993-2007.

Lead Author and Coordinator, *Self-study Report, Department of Forest Resources, USU*, 1994 (Basis of CSRS/USDA program review, December 1994).

Senate, USU, 1999-present (Policies and Procedures Committee, 1995-1997; Executive Committee, 1996-1999).

President's Diversity Team, USU, 1994-2000.

General Education Task Force, First-year Seminar Working Group, USU, 1995.

Committee on Master of Natural Resources Degree Program, USU, 1995-98.

Judicial Board, USU, 1995-1998.

Department Head's Executive Committee, USU, 1995-2003, 2005-2006 (Chair-Elect, 1996-97; Chair, 1997-98).

Departmental Coordinator, USU Internship Program, 1995-2007.

Author, *Self-study, Department of Forest Resources, USU*, 1996 (for Northwest Association of Schools and Colleges' Accreditation).

Administrative Council, USU, 1997-98.

Ad Hoc Committee on Linkages between the Educational Policies Committee and the Graduate Council at USU, 1998.

Vision and Mission Committee, College of Natural Resources, USU, 1999.

Academic Programs Committee, College of Natural Resources, USU, 1999-2000 (Co-Chair).

Strategic Planning Oversight Committee, College of Natural Resources, USU, 1999-2007.

Author, *Self-Study Report for Society of American Foresters' Continued Accreditation of Bachelor of Science Degree in Forestry, Department of Forest Resources, College of Natural Resources, Utah State University, August 2000.*

University Task Force on the Environment, USU, 2002-2003.

Selective Investment Committee, USU, 2002-2003.

First-Year Seminar Committee, USU, 2002-2003.

Berryman Institute Advisory Committee, USU, 2004.

Bioneers Conference Planning Committee, USU, 2004-2007.

Western Rural Development Center Director Search Committee, USU, 2004.

E. G. Peterson Extension Award Selection Committee, USU, 2004.

Utah House Advisory Committee, USU, 2004-2007.

Arboretum Committee, USU, 2005-present.

Oversight of ENVS Department's participation (by invitation) in USU's NSF-ADVANCE Supportive Workplace Initiative, 2005-2007.

Outstanding Graduate Mentor of the Year Selection Committee, USU, 2006-2007.

Author, *Self Study, Department of Environment and Society, USU* (for Northwest Association of Schools and Colleges' Accreditation).

Promotion Advisory Committee, Dr. Chris Conte, Department of History, USU, 2007-present.

Sustainability Council, USU, 2007-2008.

Promotion Advisory Committee, Dr. Chris Call, Department of Wildland Resources, USU, 2008-2010.

Author, *Self-Study Report for Society of American Foresters' Continued Accreditation of Bachelor of Science Degree in Forestry, Department of Wildland Resources, College of Natural Resources, Utah State University, December 2009.*

Chair, Post-Doc Selection Committee, Department of Wildland Resources, USU, 2010.

Teaching coach, USU, 2011.

HONORARY AND PROFESSIONAL SOCIETIES

Alpha Zeta (Chancellor, 1964), Gamma Sigma Delta, Phi Epsilon Phi, Phi Sigma, Sigma Xi, Xi Sigma Pi (Ranger, 1964; Forester, 1966), Society of American Foresters (Student member 1964-1970; regular member 1971-present; elected Fellow, 1997; Natural Areas Council, 1975-1982, Forest Ecology Working Group: Chair-elect and Chair, 1992-1996; special recognition for significant contributions in science and technology transfer, 1997; Editorial Board, *Journal of Forestry*, 1995-1998 [forest ecology], 2006-present [education and communication]; Science and Technology Board, 1997-2000; Graduate, Leadership Academy, 1998; Planning Team, Leadership Academy, 1998-2000; Science and Technology Chair, Wasatch Chapter, 1999; Executive Committee, Intermountain Section, 2000; Critical and Emerging Issues Subgroup, 2000; Committee on Genetically-Modified Organisms, 2000-2001; Task Force on Educational Programs in Terrestrial Ecosystem Management, 2009-2011), Forest History Society, International Association for Society and Natural Resources, Ecological Society of America, American Institute of Biological Sciences, Society for Conservation Biology. (Note: Professional societies include variable periods of membership, with not all current.)

PARTICIPATION ON PROFESSIONAL PANELS AND COMMITTEES OUTSIDE HOME INSTITUTION

1975-1977: Member of the Advisory Panel to the Institute of Ecology (TIE) on "The Ecology Handbook".

1975-1982: Society of American Foresters, Natural Areas Council.

1977-1986: Plant Committee, Virginia Endangered Species Program.

1977-1986: Chair of the Betula uber Protection, Management, and Research Coordinating Committee.

1986-1989, 1993-1995: Secretary of the Betula uber Protection, Management, and Research Coordinating Committee.

1991-1993: Member of Science Advisory Committee, Michigan Chapter of the Nature Conservancy.

1992: Co-organizer and Moderator of Technical Session on Endangered Species and Ecosystems, Society of American Foresters Annual Convention.

1992: Organizing Committee, Lake Superior Biological Conference.

1992-1996: Chair-elect and Chair, Forest Ecology Working Group, Society of American Foresters.

1993: Co-organizer and Moderator of Technical Session on Application of Landscape Concepts to Forest Ecosystem Management, Society of American Foresters Annual Convention.

1994-present: Board member, Teton Science School, Kelly, Wyoming.

1994-95: Member, Steering Committee, First Biennial Conference on University Education in Natural Resources, Pennsylvania State University, College Station.

1994-present: USU representative to the National Association of Professional Forestry Schools and Colleges (NAPFSC) (Western NAPFSC: Legislative Issues Chair, 1996-1999; Chair, 2000-2002). Currently known as the National Association of University Forest Resources Programs (NAUFRP).

1994-1999: USU representative to the Alliance for Natural Resource Research, Education, and Management in the Northern Rocky Mountains (Strategic Planning Coordinator, 1997).

1995-1998: Editorial Board, *Journal of Forestry* (Forest Ecology)

1995-1998: Utah Natural Resources Coordinating Council, Ecosystem Classification and Mapping Working Group (Chair).

1996-2000: Board member, Canyonlands Field Institute, Moab, Utah.

1996-1997: Steering Committee, First North American Forest Ecology Workshop, North Carolina State University, Raleigh (co-founder of the workshop series).

1996-1998: Chair, Steering Committee, Second Biennial Conference on University Education in Natural Resources, Utah State University, Logan.

1997: Program Co-chair, Grand Staircase-Escalante National Monument Science Conference, Cedar City, Utah.

1997-2000: Forest Science and Technology Board, Society of American Foresters.

1997-1999: Steering Committee, Second North American Forest Ecology Workshop, University of Maine, Orono.

1998-2001: Planning Team, Leadership Academy, Society of American Foresters.

1998-2000: Advisory Committee, Third Biennial Conference on University Education in Natural Resources, University of Missouri, Columbia.

1998-present: Executive Committee, Rocky Mountains Cooperative Ecosystem Studies Unit.

1999-present: Science and Technology Representative, Executive Committee, Wasatch Chapter, Society of American Foresters.

1999-2001: Advisory Committee, Third North American Forest Ecology Workshop, University of Minnesota, Duluth.

2000: Executive Committee, Intermountain Section, Society of American Foresters.

2000: Critical and Emerging Issues Subgroup, Society of American Foresters.

2000-2001: Committee on Genetically-Modified Organisms, Society of American Foresters.

2002-2003: Advisory Committee, Fourth North American Forest Ecology Workshop, Oregon State University, Corvallis.

2005-2006: Advisor to Sixth Biennial Conference on University Education in Natural Resources, Michigan State University, East Lansing.

2006-2011: Editorial Board, *Journal of Forestry* (Education and Communication).

2006-present: Executive Committee: Sustainable Forests Partnership.

2006-2007: Advisor to Sixth North American Forest Ecology Workshop, University of British Columbia, Vancouver.

2007: Host, Annual Meeting of Western Region of the National Association of University Forest Resources Programs, Utah State University, Logan.

2007-2008: Advisor to the Seventh Biennial Conference on University Education in Natural Resources, Oregon State University, Corvallis.

2007-2009: Planning Committee (co-chair), Seventh North American Forest Ecology Workshop, Utah State University, Logan.

2008-present: Board (chair), GOSESO-USA.

2009-present: Chair, Sustainable Forests Partnership.

2009-2011: Guest Editor, *International Journal of Forestry Research* (special issue on emerging issues in North American forest ecology and management).

2009-present: Society of American Foresters' Task Force on Educational Programs in Terrestrial Ecosystem Management (representing NAUFRP).

2009-present: NAUFRP Committee on Enhancing Undergraduate Education in Natural Resources.

2010-present: Oversight Committee, Rocky Mountain Science and Sustainability Network.

2010-2011: Guest Editor, *Journal of Forestry* (special section on teaching and learning in natural resources).

2011: Participating member (representing the Society of American Foresters), Coalition of Natural Resource Societies.

PUBLICATIONS

Professional/Scientific Journals and Conference Proceedings

Sharik, T. L. and B. V. Barnes. 1971. Hybridization of Betula alleghaniensis Britt. and B. lenta L.: A comparative analysis of controlled crosses. *For. Sci.* 17:415-424.

Barnes, B. V., B. P. Dancik and T. L. Sharik. 1974. Natural hybridization of yellow birch and paper birch. *For. Sci.* 20:215-221.

Sharik, T. L. and B. V. Barnes. 1976. Phenology of shoot growth among diverse populations of yellow birch (Betula alleghaniensis) and sweet birch (B. lenta). *Can. J. Bot.* 54:2122-2129.

Giles, R. H., Jr., A. R. Tipton, T. L. Sharik, G. J. Buhyoff and K. A. Argow. 1977. Computer aided parkland research optimization. *Proc. First Conference on Scientific Research in the National Parks.* U. S. Park Service, Washington, DC. p. 1051-1059.

Giles, R. H., Jr., A. B. Jones, A. R. Tipton and T. L. Sharik. 1977. Predicting impacts of proposed facilities on parks. *Proc. First Conference on Scientific Research in the National Parks.* U. S. Park Service, Washington, DC. P. 1061-1066.

Sharik, T. L. and B. V. Barnes. 1979. Natural variation in morphology among diverse populations of yellow birch (Betula alleghaniensis) and sweet birch (B. lenta). *Can. J. Bot.* 57:1932-1939.

- Sharik, T. L., R. A. Mead, K. D. Hough and R. A. Eastmond. 1979. The use of color infrared aerial photography in the delineation of wetlands vegetation in a Texas Gulf Coast watershed. p. 63-76. In Proc. Seventh Biennial Workshop on Color Aerial Photography in the Plant Sciences, University of California, Davis, May 15-17, 1979. p. 63-76.
- McEvoy, T. J., T. L. Sharik and D. Wm. Smith. 1980. Vegetative structure of an Appalachian oak forest in southwestern Virginia. *Am. Midl. Nat.* 103:96-105.
- Merkle, S. A., P. P. Feret, J. G. Croxdale, and T. L. Sharik. 1980. Development of floral primordia in white oak. *For. Sci.* 26:238-250.
- Sharik, T. L., R. A. Mead, R. A. Eastmond, and K. D. Hough. 1980. The use of color infrared photography in the delineation of wetlands vegetation in a Texas Gulf Coast watershed. *Can. J. Remote Sens.* 6:73-85.
- Sharik, T. L. 1980. The endangered Virginia round-leaf birch (Betula uber (Ashe) Fernald): A challenge to the management of rare and local tree populations. p. 67-77. In P. P. Feret and T. L. Sharik (ed.). Proc. Conference on Dendrology in the Eastern Deciduous Forest Biome, VPI & SU, Blacksburg, VA, Sept. 11-13, 1979. VPI & SU, School of Forestry and Wildlife Resources Publ. FWS-2-80.
- Mead, R. A., T. L. Sharik, S. P. Priskey, and J. T. Heinen. 1981. A computerized spatial analysis system for assessing wildlife habitat from vegetation maps. *Can. J. Remote Sens.* 7:34-40.
- Conroy, M. J., R. G. Oderwald, and T. L. Sharik. 1982. Forage production and nutrient concentrations in thinned loblolly pine plantations. *J. Wildl. Manage.* 46:719-727.
- Ross, M. S., T. L. Sharik and D. Wm. Smith. 1982. Age-structure relationships of tree species in an Appalachian oak forest in southwest Virginia. *Bull. Torrey Bot. Club* 109:287-298.
- Martin, W. L., T. L. Sharik and D. Wm. Smith. 1982. Phytomass and nutrient levels in the understory of an Appalachian oak forest in southwest Virginia. *Bull. Torrey Bot. Club* 109:330-343.
- Martin, W. L., T. L. Sharik, R. G. Oderwald and D. Wm. Smith. 1982. Phytomass-structural relationships for woody plant species in the understory of an Appalachian oak forest. *Can. J. Bot.* 60:1923-1927.
- Oosterhuis, L., R. A. A. Oldeman, and T. L. Sharik. 1982. Architectural approach to analysis of North American temperate deciduous forests. *Can. J. For. Res.* 12:835-847.

- Coyle, B. F., T. L. Sharik and P. P. Feret. 1982. Variation in leaf morphology among disjunct and continuous populations of river birch (Betula nigra L.). *Silva Genet.* 31:122-125.
- Sharik, T. L., M. S. Ross and G. M. Hopper. 1983. Early fruiting in chestnut oak (Quercus prinus L.). *For. Sci.* 29:221-224.
- Ford, R. H., T. L. Sharik, and P. P. Feret. 1983. Seed dispersal of the endangered Virginia round-leaf birch (Betula uber). *For. Ecol. and Manage.* 6:115-128.
- Coyle, B. F., T. L. Sharik and P. P. Feret. 1983. The utility of rangewide maps for evaluating disjunctness in river birch (Betula nigra L.). *Castanea* 48:285-288.
- Felix, A. C. III, T. L. Sharik, B. S. McGinnes, and W. C. Johnson. 1983. Succession in loblolly pine plantations converted from second-growth forest in the central Piedmont of Virginia. *Am. Midl. Nat.* 110:365-380.
- Sharik, T. L., M. S. Ross and A. H. Price. 1983. A micro-borer for extracting increment cores from small stems of woody plants. *For. Sci.* 29:329-331.
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