CURRICULUM VITAE
University of Idaho

NAME: Force, Jo Ellen

DATE: August 23, 2012

RANK OR TITLE: Department Head and Professor of Forest Resources

DEPARTMENT: Forest Resources

OFFICE LOCATION AND CAMPUS ZIP: FWR 204A, 1133

OFFICE PHONE: (208) 885-7311
EMAIL: joellen@uidaho.edu

DATE OF FIRST EMPLOYMENT AT UI: January 1, 1979

FAX: (208) 885-6465

DATE OF TENURE: August 1985

DATE OF PRESENT RANK OR TITLE: July 1, 1999, Department Head
August 1, 1992, Professor

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

Ph.D. (systems engineering/analysis), Ohio State University, Columbus, Ohio
M.S. (natural resource management), Ohio State University, Columbus, Ohio
B.S. (chemistry, math, education), Iowa State University, Ames, Iowa

EXPERIENCE:

Teaching, Extension and Research Appointments:

Professor, College of Forestry, Wildlife and Range Sciences, University of Idaho. In 2000 became College of Natural Resources, 1992-present
Affiliate Professor, Tropical Agriculture Research and Higher Education Center (CATIE), Turrialba, Costa Rica, 2001-present
Adjunct Professor, Environmental Sciences Program, University of Idaho
Associate Professor, College of Forestry, Wildlife and Range Sciences, University of Idaho, 1985-92
Assistant Professor, College of Forestry, Wildlife and Range Sciences, University of Idaho, 1979-85
Graduate Research Associate, Atmospheric Sciences Program, Ohio State University, working on cooperative aid study USDA-FS on research planning for air pollution impacts on forest resources, 1976-78
Graduate Research Associate working on grant to conduct community education workshops on air quality in Steubenville, Ohio-Weirton, West Virginia area. This was with the Atmospheric Sciences Program, Ohio State University, 1975
Teaching Assistant, Ohio State University, for introductory natural resources management course and environmental education workshop, 1972-73
Public School Teaching in Minneapolis, Minnesota and Columbus, Ohio, 1966-71

Academic Administrative Appointments:

Department Head of Forest, Rangeland, and Fire Sciences (formerly Forest Resources), University of Idaho. Administer the largest academic department in the College of Natural Resources, which includes 30 faculty members, approximately 25 staff, 250 undergraduate students and approximately 80 graduate students, Interim Head, December 1, 1996-June 30, 1999; July 1, 1999-present.
Co-Director, CNR Ecology and Conservation Biology Program, 2005-06
Steering Committee for the UI/CATIE NSF/IGERT Program, 2002-present
Acting Department Head for l-2 week periods several times throughout the year, 1988.
Graduate Administrative Associate, Atmospheric Sciences Program, Ohio State University. Development of materials for University Program Review, 1978.

Academic Counselor, University College and School of Natural Resources, Ohio State University. Academic Advising and maintenance of academic records, 1972-74.

Non Academic Employment including Armed Forces:

Visiting scientist on the USDA Forest Service Policy Analysis Staff, Washington, D.C., (Fall semester sabbatical), 1995.
Consultant, Social Indicators for Ecosystem Management for the Social Science Team, Interior Columbia Basin Ecosystem Management Project, USDA Forest Service, Walla Walla, Washington, 1994-95.
Consultant, Data Analysis of SAF Survey on Women and Minorities, 1985.
Summer Consultant, Land Use Planning Division, Ohio Department of Natural Resources, Columbus, Ohio, 1974.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

Forest policy, forest social science, public involvement, community forestry.

Courses Taught:

FOR 102, Introduction to Forest Management, 1998-2011
FOR 307, Biometry, 1979-81
FOR 403/503, International Land Use Planning, 1981-94
FOR 470, Interdisciplinary Natural Resource Planning, 1979-98, 1999-2000
FOR 484, Forest Policy and Administration, 1986-2010
FOR 494, Models for Resource Decision-Making, 1979-81
FOR 501, Seminar (IGERT), 2002-04
FOR 504, Community Forestry, 1987-95; alt years
FOR 504, Integrated Research (IGERT), 2002-04, 2010-2012
FOR 584, Natural Resource Policy Development, 1996-2004; on-line course 2012
NR 101, Exploring Natural Resources, 2000-03, 2006
FOR/RNGE 200, Seminar for Ecology and Conservation Biology majors, 2005

Students Advised:

Undergraduate Students:
Regularly advise 10-15. As Department Head, I do numerous informal advising for prospective students/parents for incoming freshmen, transfer students and graduate students.

Graduate Students:
Jarod Blades, Ph.D., 2010-present
Max Nielsen-Pincus, Ph.D., 2003-2007
Hanson, Thor, Ph.D., 2006 (assumed responsibility after death of his major professor)
Joshua Berning, Ph.D., 2003-04; transferred to WSU Economics
Michael Whiteman, Ph.D., 1993

Devon Comstock, MNR, 2011-present
Bonnie Freestone-Peters, MNR, 2011-present
Anne Moscrip, MNR, 2011-present
Andrew Reuters, MNR, 2011-present
Breanna Schuller, MNR, 2009-present
Charlotte Milling, MNR, 2009-2011
Sara Meloy, MNR, 2010
Gina Bonaminio, MNR, 2009-2010

Jason Story, MNR, 2008-2010
Mary Byrne, MNR, 2008-2009
Lee Spencer, MNR, 2008-2009

Brian Riley, M.S. non-thesis, 2003
Teresa Kubo, M.S., 2002
David Morgan, M.S., 2002
Undral Batsukh, M.S., 2002
Tamara Parkinson, M.S., 2001
Nancy Hightower, M.S., 2001
Greg Fizzell, M.S., 1999
Jean Haley, M.S. non-thesis, 1996
Maylee Han, M.S. non-thesis, 1996
Christa Stumpf, M.S., 1996
Randi Movich, M.S., 1996
Jeff Fields, M.S., 1995
Paul Graesser, M.S., 1995
Kadia Traore, M.S. non-thesis, 1995
Leanne Marten, M.S., 1992
Mamadou Gakou, M.S., 1992
Babou Ndour, M.S., 1991
Jeff McCusker, M.S., 1991
Abdoulaye Dagamaissa, M.S., 1990
William Grigsby, M.S., 1990
Margaret Mitchell, M.S. non-thesis, 1989
Bertrand Zida, M.S., 1989
Prosper Sawadogo, M.S., 1988
Moussa Diallo, M.S., 1988
Donald Ellis, non-thesis, 1986
Susan Bernatas, M.S., 1986
Kevin Williams, M.S., 1985
Joseph Carbone, M.S., 1985
Gregory Miller, M.S. non-thesis, 1983
Sharon Dolezal, M.S., 1982

Served on graduate committee:
Peter Zion Klos, Ph.D. 2012-present
Kofi Akamani, Ph.D., 2008-2011
Tom Geisen, Ph.D., 2006-2007
Monica Zimmerman, M.S., 2005-2012
Erik Nielsen, Ph.D., 1999-2006
Megan Slothower, M.S., 2003-04
Kevin Gergeley, Ph.D., 2002-04
Patricia Cohn, M.S., 2002 (at Washington State University)
Willibald Kerschbaumsteiner, M.S., 2002
Jean McKendry, Ph.D. 1998 (at Clark University, Worcester, Massachusetts)
Christopher Hoffman, 1998, M.S.
Approximately 40 other graduate committees between 1980-97

Courses Developed:

Except for FOR 494 and FOR 307 which I taught the first 3 years I was on the faculty, I have developed all the other courses I have taught. NR 101, FOR 470 and the IGERT courses have been team taught and team developed.

Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:

Have been involved in numerous workshops (see under Outreach Service). Have usually presented 1-4 invited lectures per semester in various classes and seminars in the department and college throughout my career.

Honors and Awards in the area of teaching:

Outstanding Faculty Member of the College of Forestry, Wildlife and Range Sciences, 1984

SCHOLARSHIP ACCOMPLISHMENTS:

Book:

Ellis, Donald J., and Jo Ellen Force. 1988. *National Forest Planning and the National Forest Management Act of 1976 - An Annotated Bibliography*. Bethesda, Maryland: Society of American Foresters. 97 pp.

Book Chapters:

Machlis, Gary E., Jo Ellen Force, and William R. Burch, Jr. 1999. The Human Ecosystem as an Organizing Concept in Ecosystem Management. In *Ecological Stewardship: A Common Reference for Ecosystem management, Volume 1*, eds. R. Szaro, N.C. Johnson, W.T. Sexton and A.J. Malk, pp. 21-36. Oxford, England: Elsvier Science, Ltd.

Machlis, Gary E., and Jo Ellen Force. 1990. Community Stability and Timber-Dependent Communities. Pages 259-276. In *Communities and Forestry: Continuities in the Sociology of Natural Resources*, edited by Robert G. Lee, Donald R. Field, and William R. Burch, Jr., Boulder, CO: Westview Press. 301 pp.

Force, Jo Ellen, and Thomas A. Seliga. 1978. Community Involvement in Air Quality Programs in Steubenville, Ohio and Weirton, West Virginia, in *Environmental Education in Action III: Case Studies in Public Involvement in Environmental Policy*, edited by Clay Schoenfeld and John Disinger. ERIC Clearinghouse for Science, Mathematics, and Environmental Education, Columbus, Ohio, December.

Refereed Journal Articles:

Goldberg, C.S., Pocewicz, A., Nielsen-Pincus, M., Waits, L.P., Morgan, P., Force, J.E., Vierling, L.A. 2011. Predictions of ecological and social impacts of alternative residential development policies to inform decision making in a rural landscape, *Conservation Letters* 4(6): 423-432.

Nielsen-Pincus, M., T. Hall, J.E. Force, J.D. Wulfhorst. 2010. Socio-demographics effects on place bonding. *Journal of Environmental Psychology* 30:443-454.

Nielsen-Pincus, Max, Caren S. Goldberg, Amy Pocewicz, Jo Ellen Force, Lisette P. Waits, Penelope Morgan, and Lee Vierling. 2010. Predicted effects of residential development on a northern Idaho landscape under alternative growth management and land protection policies. *Landscape and Urban Planning* 94:255-263.

Pocewicz, Amy, Max Nielsen-Pincus, Caren S. Goldberg, Melanie H. Johnson, Penelope Morgan, Jo Ellen Force, Lisette P. Waits, and Lee Vierling. 2008. Predicting land use change: comparison of models based on landowner surveys and historical land cover trends. *Landscape Ecology* 23(2):195-210.

Morse, Wayde, Max Nielsen-Pincus, Jo Ellen Force, and J. D. Wulfhorst. 2007. Bridges and barriers to developing and conducting interdisciplinary graduate-student team research. *Ecology and Society* 12(2):8 [online] URL: http//www.ecologyandsociety.org/vol12/iss2/art8/

Cohn, Patricia, Matt Carroll and Jo Ellen Force. 2004. So Happy Together or Better Off Alone? Women's Economic Activities, Cooperative Work and Empowerment in Rural Paraguay. *Journal of the Community Development Society* 34(1):57-74.

Parkinson, Tamara M., Jo Ellen Force, and Jane Kapler Smith. 2003. Hands-on Learning: Its Effectiveness in Teaching the Public about Wildland Fire. *Journal of Forestry* 101(7):21-26.

Force, Jo Ellen, Gary E. Machlis and Lianjun Zhang. 2000. The Engines of Change in Resource-Dependent Communities. *Forest Science* 46(3):410-421.

Force, Jo Ellen, and Gary E. Machlis. 1997. The Human Ecosystem Part II: Social Indicators in Ecosystem Management. *Society and Natural Resources* 10:369-383.

Machlis, Gary E., Jo Ellen Force, and William R. Burch, Jr. 1997. The Human Ecosystem Part I: The Human Ecosystem as an Organizing Concept in Ecosystem Management. *Society and Natural Resources* 10:347-367.

Gakou, Mamadou, Jo Ellen Force, and William J. McLaughlin. 1995. Non-Timber Forest Products in Rural Mali: A Study of Villager Use. *Agroforestry Systems* 28:213-226.

Grigsby, William, and Jo Ellen Force. 1993. Forests, Women and Credit in Developing Countries. *Journal of Forestry* 91(6):29-34.

Mitchell, M.Y., J.E. Force, M. Carroll, and W.J. McLaughlin. 1993. Forest Places of the Heart: Incorporating Special Spaces into Public Land Management? *Journal of Forestry* 91(4):32-37.

Force, Jo Ellen, Gary Machlis, Lianjun Zhang, and Anne Kearney. 1993. The Relationship Between Timber Production, Local Historical Events and Community Social Change: A Quantitative Case Study. *Forest Science* 39(4):722-742.

Ndour, Babou, Jo Ellen Force, and William J. McLaughlin. 1992. Using Dephi in Agroforestry Research Planning. *Agroforestry Systems* 19:199-129.

Force, Jo Ellen, and Harry W. Lee. 1991. Nonindustrial Private Forest Owners in Idaho. *Western Journal of Applied Forestry* 6(2):32-36.

Machlis, Gary E., Jo Ellen Force, and Randy Guy Balice. 1990. Timber, Minerals, and Social Change: An Exploratory Test of Two Resource-Dependent Communities. *Rural Sociology* 55(3):411-424.

Force, Jo Ellen, and Kevin L. Williams. 1989. A Profile of National Forest Planning Participants. *J. Forestry* 87(1):33-38.

Force, Jo Ellen. 1989. Residential Wood Energy Use in Idaho. *Forest Products Journal* 39(2):25-29.

Bernatas, Susan, Jo Ellen Force, and Leon F. Neuenschwander. 1989. Site Variables Affecting Fuelwood Collection Following Timber Harvest. *The Idaho Academy of Science Journal*, Vol. 25 (½):43-48. June/December 1989.

Machlis, Gary E., and Jo Ellen Force. 1988. Community Stability in Timber-Dependent Communities. *Rural Sociology* 53(2):220-234.

Force, Jo Ellen. 1986. Firewood Use on National Forests in the Western United States. *Western Journal of Applied Forestry* 1(4):111-115.

Force, Jo Ellen. 1985. Firewood Use in Idaho: Implications for Forest Management. *J. Forestry* 83(1):36-39.

Force, Jo Ellen. 1984. A Research Planning Strategy to Assess the Impacts of Air Pollutants on Forest Resources. *Forestry Commission Bulletin* 61:74-80.

Force, J.E., J.L. Robertson, M.W. Stock, and C.R. Williams. 1982. A Probability Model of Insecticide Efficacy for Western Spruce Budworm (*Choristoneura occidentalis* Freeman) and the Douglas Fir Tussock Moth (*Orgyia pseudotsogata* McDunnough). *Environmental Entomology*, 11:1170-1177.

Force, Ronald W., and Jo Ellen Force. 1979. Access to Alternative Catalogs: A Simulation Model. *College & Research Libraries*, 40(3):234-239.

Force, Jo Ellen, Thomas A. Seliga, and Ralph W. Swain. 1977. A Community Environmental Education Program on Air Quality. *Journal of Environmental Education* 8(3):32-39.

Peer Reviewed Publications:

Force, Jo Ellen and Deborah Forester. 2002. Public Involvement in National Park Service Land Management Issues. *Social Science Research Review,* vol. 3, no. 1. 28 pgs.

Movich, Randi and Jo Ellen Force. 2002. Women and Northwest Forest Service Planning: Barriers in Participation. *Women in Natural Resources* 23(3):31-43.

Gakou, Mamadou, and Jo Ellen Force. 1996. Learning with Farmers for Policy Changes in Natural Resource Management. *Forest, Trees and People Newsletter*, No. 31, September 1996, pp. 14-19.

Force, Jo Ellen. 1996. Global Forestry: International Students in U.S. Schools. *Journal of Forestry* 94(11):26-28.

Force, Jo Ellen. 1985. Evaluation of Residential Wood Energy Use in Idaho for the 1984 Heating Season, Boise, Idaho: Idaho Department of Water Resources.

Force, Jo Ellen. 1984. A Research Planning Strategy to Assess the Impacts of Air Pollutants on Forest Resources, in Technology Transfer in Forestry, edited by G.H. Moeller and D.T. Seal. Proceedings of the International Union of Forestry Research Organizations Work Conference "Applying Results of Forestry Research," Edinburgh, Scotland, July 1983. *Forestry Commission Bulletin* 61:74-80.

Force, Jo Ellen. 1982. Understanding Firewood Use in Idaho, Station Note No. 38, Forestry, Wildlife and Range Experiment Station, College of Forestry, Wildlife and Range Sciences, University of Idaho.

Force, Jo Ellen, and Thomas A. Seliga. 1978. Community Involvement in Air Quality Programs in Steubenville, Ohio and Weirton, West Virginia, in Environmental Education in Action-III: Case Studies in Public Involvement in Environmental Policy, edited by Clay Schoenfeld and John Disinger. ERIC Clearinghouse for Science, Mathematics, and Environmental Education, Columbus, Ohio, December.

Invited Papers:

Force, Jo Ellen. 1988. Understanding Relevancy from the Perspective of Key Actors in the Training Process: A Faculty Member's Perspective. In Proceedings of the Western Regional Workshop on Relevancy in Participant Training, Las Cruces, New Mexico, February 28-March 1, pp. 19-21.

Force, Jo Ellen. 1983. The Connections Between Natural Resources, Engineering and Women. *U.S. Woman Engineer* 30(2):9-11.

Invited Book Reviews:

Force, Jo Ellen. 1998. Three Iron Mining Towns: A Study in Cultural Change. *Rural Sociology* 63(4).

Force, Jo Ellen, 1994. Rich Forests, Poor People: Resource Control and Resistance in Java. *Rural Sociology* 59(4):745-747.

Force, Jo Ellen, 1986. Woods-Working Women: Sexual Integration in the U.S. Forest Service. *Western Historical Quarterly* 17(3):338.

Technical Monographs and Bulletins:

Force, Jo Ellen, Karen Feary, Jeff Fields, Paul Graesser, and Randi Movich. 1994. Profiles of International Programs at U.S. Natural Resource Schools. Washington, D.C.: USDA Forest Service International Forestry (Forestry Support Program). 178 pp.

Force, Jo Ellen, Zane J. Cornett, and Samuel J. Radcliffe. 1993. A Discussion Guide for the SAF Code of Ethics. Published by the Society of American Foresters, Bethesda, Maryland. 16 pp.

Dagamaissa, Abdoulaye, and Jo Ellen Force. 1990. Resultats D'Une Enquete Sur l a Participation des Villageois Dans L'amenagement des Forets au Mali (Points de vue des agents des Eaux et Forets Maliens). Idaho Forest, Wildlife and Range Experiment Station Technical Report 22, University of Idaho, Moscow. 7 pp.

Sutherland, David, Anne Schlenker, and Jo Ellen Force. 1990. Profiles of U.S.A. Natural Resource Schools: International Programs at National Association of Professional Forestry Schools and Colleges (NAPFSC) Member Institutions, Washington, D.C.: USDA Forestry Support Program. 232 pp.

Force, Jo Ellen. 1986. Results of a Survey on Residential Wood Energy Use in Idaho, Technical Report 19, Forest, Wildlife and Range Experiment Station, University of Idaho.

Carbone, Joseph C., and Jo Ellen Force. 1985. Using Environmental Assessments to Implement USDA Forest Service Timber Sale Policies, Technical Report 17, Forest, Wildlife and Range Experiment Station, 1985.

Williams, Kevin L., and Jo Ellen Force. 1985. Results of a Survey on Public Participation in National Forest Planning, Technical Report 18, Forest, Wildlife and Range Experiment Station, University of Idaho.

Published Proceedings:

"How social values have affected forest policy" (with Greg Fizzell), in Proceedings of the Society of American Foresters 1999 National Convention, Portland, Oregon, September 11-15, 1999". Pages 16-22.

"Gender Analysis of Participation in Nepal's Community Forestry Programme" (with Jeff Fields), in Proceedings of the XI World Forestry Congress, Antalya, Turkey, October 13-22, 1997. URL: http://www.fao.org/waicent/faoinfo/forestry/wforcong/

"Resource-Dependent Communities and Social Change" (with Gary Machlis and Lianjun Zhang), in Proceedings of the XI World Forestry Congress, Antalya, Turkey, October 13-22, 1997. URL: http://www.fao.org/waicent/faoinfo/forestry/wforcong/

"Early and Late Adopters of Stewardship Planning" (with Paul W. Graesser), in Proceedings of the 1996 Symposium on Nonindustrial Private Forests: "Learning from the Past, Prospects for the Future," edited by Melvin J. Baughman, held in Washington, D.C., February 18-20, 1996, pp. 222-229.

"Forestry Education After Denver: Where Do We Go From Here to Teach Ethics in a Forestry Curriculum?" in Proceedings of the 1992 Society of American Foresters National Convention, Richmond, Virginia, October 25-28, 1992, pp. 459-460.

"Do Firewood Collectors Use Residue? The Relationship of Site Characteristics to Fuelwood Collecting Following Timber Harvest" (with Susan Bernatas and L. Neuenschwander), pages 59-60, in Prescribed Fire in the Intermountain Region: Forest Site Preparation and Range Improvement. Symposium Proceedings compiled and edited by David M. Baumgartner, D.W. Breuer, B.A. Zamora, L.F. Neuenschwander, and R.H. Wakimoto, Pullman, Washington: Washington State University, 1989, 171 pp.

"What Do We Know About the People Who Participate in Forest Planning?" in Environmental Education: Transition to an Information Age, edited Jody M. Stone. Proceedings of the North American Association for Environmental Education, Fifteenth Annual Conference, Eugene, Oregon, September 1986, published in August 1987, pp. 230-234.

"NIPF Landowners in Northern Idaho" (with Harry Lee and Richard Folk), in Proceedings of the 1987 Society of American Foresters National Convention, Minneapolis, Minnesota, October 18-2l, 1987, pp. 343-348.

"Evaluation of Residential Wood Energy Use in Idaho," in Proceedings of the International Conference on Residential Wood Energy, Reno, Nevada, March 4-5, 1986, pp. 69-78.

"Understanding Relevancy from the Perspective of Key Actors in the Training Process: A Faculty Member's Perspective," in Proceedings of the Western Regional Workshop on Relevancy in Participant Training, Las Cruces, New Mexico, February 28-March 1, pp. 19-21.

"Planners and the Planning Process: Leaders, Followers, Partners" (with William J. McLaughlin), in Proceedings of the 1985 Convention of the Society of American Foresters, Ft. Collins, Colorado, July 28-31, 1985, pp. 301-306.

"Firewood Use on National Forests: A Survey of Managers," in Proceedings of the National Meeting for Biomass R&D for Energy Applications, Arlington, Virginia, October l-3, 1984, pp. 117-118.

"Directory of Women In Natural Resources" (with M. W. Stock and D. Ehrenreich), Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, Idaho, January 1983.

"Alternate Processes for Public Input" (with William J. McLaughlin). Proceedings of the 1982 Convention of the Society of American Foresters, Cincinnati, Ohio, September 19-22, 1982, pp. 121-126.

"Women in Natural Resources: An International Perspective." Proceedings edited with M.W. Stock and D. Ehrenreich. Conference held at the University of Idaho, March 8-9, 1982, July 1982.

"An Illustration Examining the Demand for Electricity" (with Greg Ficke, principal author, and Jeff Richetto) in Constructing Social Impact Statements for Power Plant Siting, Proceedings. Columbus, Ohio: The Ohio State University, September 1975.

Other:

Celebration, Change, and Collaboration: Forestry Education at the University of Idaho. 2012. Western Forester 57(2): 10-11.

Education Committee Report for NAPFSC newsletters, October 2002, February 2003, October 2003.

"Some Things Change, Some Things Remain the Same", invited Editorial, *Women in Natural Resources* 22(2): inside cover & pg. 3. 2001.

"SAF's Code of Ethics: Time for Another Look?" *Journal of Forestry* 93(9):14-16. 1995.

"SAF's Evolving Land Ethic." *Journal of Forestry* 92(11):6-9. 1994. Committee on Ethics (of which I was one of three).

"Community Stability and Resource Dependency." *FOCUS on Renewable Natural Resources* 15:13-14. Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow. 1990. (With R.G. Balice and Gary Machlis.)

"Meet the Professor: Is 'It' Really a Woman?" *Women in Forestry* 7(1):17. Winter/Spring 1985.

"Gender and Natural Resources: Is There a Relationship?" *Women in Forestry* 6(1):5-7. Winter 1983/84.

"Who Am I?" *Women in Forestry* 5(1):35. Spring 1983.

Technical Reports:

"A Policy Analysis of Forest Health Problems and Their Effects on Fish and Wildlife Habitat" (with Kelly J. Rogers), Submitted to the Intermountain Research Station, USDA Forest Service, Boise, Idaho, June 1996.

"Resource-Dependent Community Research Program" (with Gary E. Machlis), Submitted to USDA Forest Service Pacific Northwest Research Station, Portland, Oregon, June 1996.

"Collaborative Community Forestry Research: Experiences and Opportunities Between the University of Idaho, USA, and the Institute of Forestry, Nepal" (with William J. McLaughlin and Jeffrey W. Fields), Submitted to the Ford Foundation, New Delhi, India, 41 pp., February 1996.

"Monitoring Social Indicators for Ecosystem Management: The Technical Assessment Data" (with Gary E. Machlis, Shawn E. Dalton, and David Fosdeck), Submitted to the Interior Columbia River Basin Project, Walla Walla, Washington, 84 pp., 1995.

"An Atlas of Social Indicators for the Upper Columbia River Basin" (with Gary E. Machlis and Jean McKendry), Submitted to the Interior Columbia Basin Ecosystem Management Project, Walla Walla, Washington, 55 pp., 1995.

"Monitoring Social Indicators for Ecosystem Management: The Technical Assessment Data for Oregon and Washington" (with Gary E. Machlis and David Fosdeck), Submitted to the Interior Columbia River Basin Project, Walla Walla, Washington, 137 pp., 1995.

"Land Use Planning in Natural Resource Management TC 120-10," USDA Office of International Cooperation and Development. Formal Reports submitted following workshops: August 1981, July 1982, September 1983, July 1985, July 1986, August 1987, August 1988, August 1989, July 1990, August 1991, August 1992, August 1993, August 1994.

"Monitoring Social Indictors for Ecosystem Management" (with Gary E. Machlis and Shawn E. Dalton), Technical paper submitted to the Interior Columbia River Basin Project, Walla Walla, Washington, 64 pp., 1994.

"Tropical Tree Planting and Global Climate Change" (with Deborah Forester), A Report prepared for USAID Bureau of Research and Development. Available through the Forestry Support Program, USDA Forest Service, 44 pp., May 1992.

"Pakistan Forestry Planning and Development Project (391-0481): Phase II Technical Assistance Re-Design and Suggested Contract Amendment" (with David Daugherty and John Gordon), prepared for USAID/Islamabad, Pakistan, 76 pp., May 1988.

"NIPF Landowner Survey for Northern Idaho: A Survey of Landowner Objectives" (with Harry Lee), Idaho Department of Lands, 38 pp., September 1987.

"Land Use Planning in Natural Resource Management" (with Patrick T. Evans), USAID/New Delhi, India, and USDA Office of International Cooperation and Development, 41 pp., January 1987.

"The Relationship of Site Characteristics and Fuelwood Collecting Following Timber Harvest" (with Leon Neuenschwander and Susan Bernatas), USDA Forest Service, Idaho Panhandle National Forests, January 1986.

"Maharashtra Social Forestry Project Mid-Term Evaluation Report" (with C.R. Hatch, H. Blair, and B. Sen), USAID/India, 58 pp., December 1985.

"Report on the 1985 Questionnaire on the Status of Women and Minorities in the Society of American Foresters State Societies, Chapters, and Divisions." Society of American Foresters, Women and Minorities Workshop at National Convention, Ft. Collins, Colorado, July 1985.

"Study Tour to Sri Lanka," Title XII Strengthening Grant Program, University of Idaho, February 10, 1985.

"Extension Forester Training in Community Participation Techniques," USAID, New Delhi, India, and the Consortium for International Development--Women in Development Fellowship Program, January 1985.

"Firewood Use on National Forests in the Western United States," Idaho Research Foundation, September 1984.

"Community Environmental Education Programs on Air Quality in Steubenville, Ohio and Weirton, West Virginia" (with Thomas A. Seliga and Ralph W. Swain). Final Report to the Office of Environmental Education, Office of Education, U.S. Dept. of HEW. Ref: Grant No. OEG-0-74-7393, December 1, 1975. (ERIC ED 125 869)

Papers Presented at Scholarly Meetings:

"Predicting land use change and the impacts of residential development: comparison of policy scenarios and models based on landowner surveys and historical land cover trends," presented at the International Symposium on Society and Natural Resources, University of Vermont, Burlington, Vermont, June 10-14, 2008.

Served on panel at annual NSF/IGERT Annual Meeting for IGERT PIs. Washington, DC. May 14, 2007.

"The structure of human ecosystems," Poster presentation on at the XXII International Union of Forestry Research Organizations World Congress, held in Brisbane, Australia, August 8-13, 2005

Organized and moderated panel on "Outside Perspectives" for USDA Forest Service, Centennial Congress, Washington, DC, January 3-6, 2005.

Member of IGERT faculty and student panel on the challenge of social scientists working with biophysical scientists in interdisciplinary research settings, International Symposium for Society and Resource Management, Keystone, Colorado, June 2-5, 2004.

"An integrative model of graduate education in biodiversity conservation and sustainable production in fragmented landscapes," at the Fifth Biennial Conference on University Education in Natural Resources, Flagstaff, Arizona, March 14-17, 2004.

"The Human Ecosystem Model and Systems Concepts," invited seminar, graduate seminar series in Department of Industrial and Systems Engineering, Ohio State University, February 27, 2004.

"How should educational institutions respond?", invited panel presentation at the Renewable Natural Resources Foundation/AAAS Conference on Personnel Trends, Education Policy, and Evolving Roles of Federal and State Natural Resources Agencies, Washington, DC, October 28-29, 2003.

"Changing accreditation standards", invited presentation at the New England Society of American Foresters 83rd Annual Meeting, Burlington, Vermont, March 17-20, 2003.

"Responding to changing needs: rethinking undergraduate education for forestry professionals", invited panel presentation at the University of Vermont Sustainable Forestry Forum: A Conversation on Sustainable Forestry Education in the 21st Century, Burlington, Vermont, March 16-17, 2003.

"Experiences with an integrated capstone course in natural resources problem-solving", presented as a panel with Drs. Waits and McLaughlin and Jeff Richards, student, at the Natural Resources Education Conference in Columbia, Missouri, March 26-28, 2000.

"Life experiences that influence participation in environmental issues: A case study of forest activists in the Clearwater region, Idaho", presented at the 8th International Symposium on Society and Resource Management, Bellingham, Washington, June 21, 2000.

"Social values and forests: The disconnect between what I say and what I do", presented at the 8th International Symposium on Society and Resource Management, Bellingham, Washington, June 20, 2000.

"How Social Values Have Affected Forest Policy," presented at the 1999 National Convention of the Society of American Foresters held in Portland, Oregon, September 11-15, 1999. This presentation was also invited to be and was presented at the "Interface between forest science and policy making" working group session of the XXI International Union of Forestry Research Organizations World Congress held in Kuala Lumpur, Malaysia on August 7, 2000.

"Social Indicators for Ecosystem Management in the Upper Columbia River Basin," presented at the Sixth International Symposium on Society and Resource Management held at Pennsylvania State University, State College, Pennsylvania, May 17-20, 1996.

"Engines of Change in Resource-Dependent Communities," presented at the Sixth International Symposium on Society and Resource Management held at Pennsylvania State University, State College, Pennsylvania, May 17-20, 1996.

"Private Property Rights: Issues Facing the SAF," presented at the Inland Empire Society of American Foresters Annual Meeting, Moscow, Idaho, March 2, 1996.

Spoke on a panel on the challenge of conflicting laws in national forest management at the Seventh American Forest Congress, Washington, D.C., February 22, 1996.

Spoke on a panel for the future of forestry education on some of the challenges of CFWR integrated curriculum at the Technology and Futures Working Group at the Society of American Foresters National Convention, Portland, Maine, October 1995.

"Engines of Change in Resource-Development Communities," presented at the Society of American Foresters National Convention, Portland, Maine, October 1995.

"Monitoring Social Change at the County Level," presented at the Symposium of "The Rural Town: Designing for Growth and Sustainability," Coeur d'Alene, Idaho, June 1-2, 1995.

"Social Indicators for Ecosystem Management in the Upper Columbia River Basin," Symposium on the Social Implications of Ecosystem Management, Spokane, Washington, April 29, 1995.

"Social Indicators for Ecosystem Management," presented at the Human Dimensions in Ecosystem Management Workshop, Boise National Forest, March 2, 1995.

"Understanding Social Change in Resource-Dependent Communities," presented at the Forestry and the Environment: Economic Perspectives II Conference, Banff Springs Hotel, Alberta, Canada, October 12-15, 1994.

"Understanding Social Change in Resource-Dependent Communities: Part II," The Fifth International Symposium on Society and Resource Management, Colorado State University, Fort Collins, Colorado, June 7-10, 1994.

"Forestry Education After Denver: Where Do We Go From Here to Teach Ethics in a Forestry Curriculum?" presented at the Education and Communication Working Group Session at the SAF National Convention held at Richmond, Virginia, October 25-28, 1992.

"Timber, History and Social Change: A Quantitative Case Study of a Timber-Dependent Community," presented at the 4th North American Symposium on Society and Resource Management, held at the University of Wisconsin-Madison, Madison, Wisconsin, May 17-20, 1992.

"Meeting the Needs for Educating Planners in Forestry -- Today and the Future," Technology Assessment and Future Analysis Working Group Session, Society of American Foresters National Convention, San Francisco, California, August 5, 1991 (invited).

"Teaching Professional Ethics to Resource Managers," Western Forestry and Conservation Association Conference, Victoria, British Columbia, December 6, 1991 (invited).

"Encouraging People's Participation in Agroforestry Using the GRAAP Technique in Burkina Faso and Mali" (with Prosper Sawadogo and Abdoulaye Dagamaissa), paper presented at the Society of American Foresters National Convention, Washington, D.C., July 31, 1990, and the International Union of Forestry Research Organizations XIX World Congress, Montreal, Canada, August 5-11, 1990.

"The Use of Spatial Analysis to Identify Areas to Involve People in Native Tree Planting in Mali" (with Moussa Diallo), presented at the Society of American Foresters National Convention, Washington, D.C., July 31, 1990, and the International Union of Forestry Research Organizations XIX World Congress, Montreal, Canada, August 5-11, 1990.

"Cost-Benefit Analysis for Fuelwood Project Investment in Burkina Faso: The Case of Ouagadougou" (with Bertrand Zida), presented at the Society of American Foresters National Convention, Washington, D.C., July 31, 1990, and the International Union of Forestry Research Organizations XIX World Congress, Montreal, Canada, August 5-11, 1990.

"Silvicultural Systems for the 1990's: Perspectives from Outside the Forest Service," Idaho Panhandle National Forests Workshop, Post Falls, Idaho, March 29, 1989.

"Understanding Training from a Faculty Perspective," AID/AASCU Linkages Program Workshop on International Students on Campus: Sponsors, Training Institutions, Students, Nashville, Tennessee, February 8, 1989.

"Social Forestry in India: The Role (or Non-Role) of Women," Athena, Moscow, Idaho, September 12, 1988.

"Diversity and Relevancy - Are They Compatible?" National Association for Foreign Student Affairs, 40th Anniversary Conference, Washington, D.C., June 2, 1988.

"A Profile of Northern Idaho Woodland Owners - Their Attitudes, Wants, and Needs," Palouse Chapter, Society of American Foresters, Pullman, Washington, March 10, 1988.

"Forestry Extension Activities in India," Mid-Year Workshop for Indian Visiting Faculty and Involved U.S. Faculty, University of California, Berkeley, March 3, 1988.

"Understanding Relevancy from the Perspective of Key Actors in the Training Process: A Faculty Member's Perspective," Western Regional Workshop on Relevancy in Participant Training, Las Cruces, New Mexico, February 28, 1988.

"Study of NIPF Landowners in Northern Idaho," Society of American Foresters National Convention, Minneapolis, Minnesota, October 21, 1987.

"Socio-economic Characteristics of Non-industrial Private Landowners in North Idaho," Society of American Foresters, Intermountain Section, Southern Idaho Chapter Spring Meeting, Boise, Idaho, June 5, 1987.

"What Do We Know About the People Who Participate in Forest Planning?" North American Association for Environmental Education, Fifteenth Annual Conference, Eugene, Oregon, September 15, 1986.

"Public Participation in National Forest Planning," First National Symposium on Social Science in Resource Management, Corvallis, Oregon, May 15, 1986.

"The Role of Environmental Assessments in Implementing U.S. Forest Service Timber Sale Policies" (with Joseph C. Carbone), First National Symposium on Social Science in Resource Management, Corvallis, Oregon, May 15, 1986.

"Evaluation of Residential Wood Energy Use in Idaho for the 1984-1985 Heating Season," First National Symposium on Social Science in Resource Management, Corvallis, Oregon, May 12, 1986.

"Planning International Development Projects with Respect to Family Ecology," panel participant, Women in Development Program, Washington State University, Pullman, Washington, March 26, 1986.

"An Evaluation of Residential Wood Energy Use in Idaho," International Conference on Residential Wood Energy, Reno, Nevada, March 4, 1986.

"Who Participates in National Forest Planning?" Land Use Technical Session, Western Forestry and Conservation Association Meeting, Spokane, Washington, December 3, 1985.

"Firewood Use on National Forests: A Survey of Managers," Poster Session of the 1985 Meeting of the Society of American Foresters, Ft. Collins, Colorado, July 29, 1985.

"Public Participation in Forest Planning," Western Forest Economists Meeting, May 6-8, 1985, Wemme, Oregon.

"Community Participation Workshops in India," Title XII Strengthening Grant Seminar Series, University of Idaho, April 24, 1985.

"Resettlement and Reforestation Projects in Sri Lanka," Title XII Strengthening Grant Seminar Series, University of Idaho, February 20, 1985.

"Village Participation in Community Forests in India," Women in International Development Seminar Series, University of Idaho, January 30, 1985.

"Firewood Use on National Forests: A Survey of Managers," National Meeting for Biomass R&D for Energy Applications, Arlington, Virginia, October 1-3, 1984, poster session.

"Management Styles of Men and Women," Workshop on Career Management: The Choice is Yours, Clearwater and Nezperce National Forests, Orofino, Idaho, January 26, 1984 (invited paper).

"Gender and Natural Resources: Is There a Relationship?" Association of Interpretive Naturalists, Northwest Regional Workshop, Moscow, Idaho, October 5, 1983 (invited paper).

"A Research Planning Strategy to Assess the Impacts of Air Pollutants on Forest Resources," The International Union of Forestry Research Organizations Work Conference "Applying Results of Forestry Research," Edinburgh, Scotland, July 1983.

"Women Engineers' Responsibilities for our Natural Resources," Society of Women Engineers, 1983 National Convention, Seattle, Washington, June 25, 1983 (invited luncheon address).

"Fuelwood Demand and the User: Demand in Rural Areas," Western Fuelwood Management Training Seminar, Eatonville, Washington, October 26, 1982 (invited paper).

"Alternate Processes for Public Input," National Meeting of the Society of American Foresters, Land Use Planning and Design Working Group Session, Cincinnati, Ohio, September 21, 1982 (invited paper).

"Characteristics and Behaviors of Firewood Collectors on National Forests in Idaho," Annual Meeting of the Rural Sociological Society, San Francisco, California, September 2, 1982.

"Understanding Firewood Use in Idaho," Joint Meeting Palouse-Snake River Chapters, Society of American Foresters, Lewiston, Idaho, March 4, 1982.

"Working With Foreign Students," noon seminar, Strengthening Grant Program, University of Idaho, September 25, 1981.

"The NFMA and Environmental Group Views," Nezperce National Forest Planning Workshop, Grangeville, Idaho, January 17, 1980.

"A Systems Approach to Research Planning," The Central Ohio Chapter of the Society for General Systems Research, November 14, 1978.

"Issues to Consider When Planning a Research Strategy to Assess the Impact of Air Pollutants on Forest Ecosystems," IX Air Pollution Workshop, Virginia Polytechnic Institute & State College, Blacksburg, Virginia, May 2-5, 1977.

Grants and Contracts Awarded:

Evaluating resilience of ecological and social systems in changing landscapes: a doctoral research and education program in Idaho and Costa Rica. 2009-2014. Co-PI on National Science Foundation IGERT grant, $3.2 million.

Modeling trends in forest management, exurban development, and biodiversity conservation under alternate policy portfolios in northern Idaho. Co-PI with Drs. Penny Morgan and Lisette Waits, McIntire-Stennis, College of Natural Resources, University of Idaho, $74,000, 2004-06.

Ecosystem management in tropical and temperate regions: integrating education in sustainable production and biodiversity conservation. 2001-08. Co-PI on National Science Foundation IGERT grant, initially $2,646,237; another several hundred thousand each year as supplement to meet NSF required increases in fellowship stipends.

Public Involvement in National Park Service Activities, 1999-2001, NPS Social Science Program, $20,000.

Women's Participation in Community Forestry in Nepal, 1994-96, Ford Foundation, New Delhi, India, $33,000 (with Jeff Fields).

Workshop for Tribal Leaders, USDA Forest Service and Bureau of Indian Affairs, 1994, $3,718.

Policy Analysis of Ecosystem Management and Fish and Wildlife Indicators, USDA Forest Service, Boise National Forest, 1993-95, $19,000 (with Kelly Rogers).

Development of a Profile of International Programs of NAPFSC Member Schools, USDA Forestry Support Program, 1993-94, $35,847.

Land Use Planning and Natural Resource Management Six-Week Workshop. USDA Office of International Cooperation and Development, International Training Division. 1981, $17,000; 1982, $37,030; 1983, $39,743; 1985, $42,330; 1986, $29,447; 1987, $44,984; 1988, $46,646; 1989, $37,452; 1990, $39,250; 1991, $29,590; 1992, $29,590; 1993, $18,288; 1994, $31,370. Total ~$450,000

Socioeconomic Research on Resource-Dependent Communities, Pacific Northwest Forest and Range Experiment Station, USDA Forest Service, 1991-96, $75,500.

Forestry and Global Climate Change, USAID/Bureau of Science and Technology, 1991, $21,153.

Scholarships for International Participants in Workshop, USDA/OICD/International Forestry Tropical Forestry Program, 1990, $15,000; 1993, $28,150.

IDL Forest Landowner Survey. Idaho Department of Lands (with Harry Lee), 1986-87, $11,600; 1987-89, $21,952.

Development of a Profile of International Programs of NAPFSC Member Schools, USDA/OICD/Forestry Support Program, 1989-90, $10,000.

Community Stability in Timber-Dependent Communities: A Longitudinal Study in North Idaho. McIntire-Stennis support to develop major proposal (with Gary E. Machlis), 1986-87, $4,603; 1987-88, $13,446; 1988-89, $9,000; 1990, $4,000.

Indian Faculty Associates Program. Winrock International/USAID, 1986-87, $19,864; 1987-88, $39,454; 1988-89, $20,914.

Small Travel Grant, University of Idaho, 1987, $600.

Facilitation of Forest Service Public Involvement Meeting. USDA Forest Service, Nezperce National Forest (with Bill McLaughlin), 1985, $3,977.

Between 1985 and 1995, I served as Academic Advisor or Major Professor for eight international students on scholarships from USAID and FAO that have totaled $250,000 in funds handled by the University of Idaho.

The Relationship of Site Characteristics and Fuelwood Collecting Following Timber Harvest. USDA Forest Service, Idaho Panhandle National Forest, 1984-85, $9,976; 1985-86, $4,467.

The Environmental Assessment as a Natural Resource Policy Implementing Tool. McIntire-Stennis Project Funding, Forest, Wildlife and Range Experiment Station, University of Idaho. 1983-84, $8,275; 1984-85, $8,275.

An Assessment of the Use of Wood for Residential Heating in Idaho. Forest, Wildlife and Range Experiment Station, College of Forestry, Wildlife, and Range Sciences, University of Idaho. $15,282.

An Evaluation of the User's Role in Wood Energy for Residential Heating in Idaho. Idaho Department of Water Resources, 1984-85, $16,000.

Extension Forester Training in Community Participation Techniques, Madhya Pradesh, India. Women in Development Fellowship Program, Consortium for International Development, Tucson, Arizona. Travel Grant. 1984, $3,750.

Firewood Use on National Forests in the Western United States. FY 1984 Seed Grants, Research Council, University of Idaho. $3,000.

Development of International Land Use Planning Bibliography to Add an International Component to FOR 470 Course. University of Idaho Strengthening Grant Program. 1981, $650.

Development and Planning of a Technical Short Course in Land Use Planning and Natural Resource Management. USDA Office of International Cooperation and Development, International Training Division. 1981, $8,000.

A Generalized Model for Insecticide Efficacy Against Forest Defoliators. Pacific Southwest Forest and Range Experiment Station, USDA Forest Service (with M. W. Stock). 1981, $5,000.

Conference on Women in International Natural Resources (with M. W. Stock and D. Ehrenreich). USAID Women in Development Program. 1981, $16,364.

A Probability Model of Insect Efficacy for Western Spruce Budworm and Douglas-fir Tussock Moth. Intermountain Forest and Range Experiment Station, USDA Forest Service (with M. W. Stock). 1980, $2,600; 1981, $1,500.

Honors and Awards:

Interdisciplinary or Collaborative Efforts Excellence Award with IGERT Co-PI team ($9000 Award for the six team members). University of Idaho, 2011.
Outstanding Researcher Award (with G. Machlis), College of Forestry, Wildlife, and Range Sciences, 1993
Burlington Northern Foundation Faculty Achievement Award, $1,500, one of three given at the University of Idaho, 1987

SERVICE:

Major Committee Assignments:

National:
National Association of Professional Schools and Colleges (NAFPSC); in 2004 renamed National Association of University Forest Resources Programs (NAUFRP), Executive Committee, National Education Chair, 2002-03, Member-at-Large, 2004-06; Chair of Western Region of NAUFRP, 2009-2010.
NASULGC Representative on the International Science and Education Council, International Training Committee, 1987-90
Secretary Glickman's Forestry Research Advisory Council, 1997-2000
Society of American Foresters:
Committee on Accreditation, 2012-2013

District I Fellows Committee, 2009-2014, Chair 2012
Accreditation Handbook Revisions Committee, 2003
Ad Hoc Committee on Land Ethic Implementation, 1993-95; Chair 1993
Code of Ethics Revision, 1996
Ethics Committee, 1991-93; Chair 1993
Forestry Education Accreditation Task Force, 1998-2000
Land Ethic Committee, 1991-92
National Recognition Committee, 2001-04
Private Property Task Force, 1995-96
Program Committee for the 2000 & 2001 National Conventions, 1999-2001
Land Use Planning and Design Working Group Society of American Foresters
Chair of Working Group, 1987-88
Chair-elect of Working Group, 1985-86
Program Committee Chair, 1984-85
Program Committee, 1982-83
Technical Session Moderator, National Convention, 1985, 1986

Sustainable Forestry Initiative Program, One of three academic representatives on the 18-member External Review Panel, 2000-06

University:

Faculty Affairs Committee, 2005-08
Provost's Sub-committee on Tenure and Promotion Process, 2006-08
Committee on Implementation of Prioritization Tool (UVRTF) for Provost Morris, 2005
Member, President White's University Vision and Resource Task Force, 2004
President, University of Idaho, Athena, 2004-06; Board member, 2004-2008
Academic Hearing Board, 2000-04, Chair, 2003-04
ASUI Outstanding Faculty Awards Committee, 1988
Continuing Education Advisory Committee for the University of Idaho, 1980-83
Dismissal Hearings Committee Panels, 1990-present
Executive Space Management Committee, 2002-03
Graduate Council, 1992-95; Petitions Committee, 1994-95
International Affairs Committee, 1988-94; Chair, 1989-90
Joint Curriculum Committee, Institute for Resource Management, Washington State University and University of Idaho, 1983
Planning and Curriculum Committee, Institute for Resource Management, University of Idaho, 1981-83
President Gibb's Committee for the Future, 1980
Selection Committee, Associate Director for the International Trade and Development Office, 1987
Search Committees:
Vice President for Financial Affairs, 1987-88
Director, Postharvest Institute for Perishables, 1986
Assistant Director of High School and Junior College Relations, 1984
Dean, College of Business and Economics, 1982-83
University Committee to Study the Faculty Constitution, 1985-86
University Curriculum Committee, 1992-95; Chair, 1993-94
University Promotion Committee, 1994-95, 2006

College:

Hiring Officer for Economics-Policy Position, CNR, 2004
Executive Council, 1996-present
Petitions Committee, 2009-present
Affirmative Action Committee, 1992-95
Faculty Representative to FWR Executive Council, 1988-89
Integrated Resource Management Committee, Chair, 1985-87

Strengthening Grant Program Planning Committee for Conference on Donor Agencies held January 25-26, 1982
Available Technology Task Force--University of Idaho, Title XII Strengthening Grant, 1980-82
College of Forestry, Wildlife and Range Sciences Scholarship Committee, 1980-8l
Faculty Retreat Planning Committee, 1989-90
Search Committees:
Natural Resources Economist faculty position, 2011
Director of CNR Student Services Center, 2011
CNR Chief Financial and Administrative Officer position, 2006
Resource Recreation and Tourism Department Head, 1999
Dean's Search Committee, 1994-95
Wildland Recreation Vacancy, 1990
Forest Products Faculty Position, 1991
Associate Dean for Academics, 1989
Director of the Policy Analysis Group, 1989

Department:
Chair, Self-study for re-accreditation of BS degree by Society of American Foresters, 2005-06
Continuing Education Committee, 1987-88
Curriculum Committee, Chair, 1991-98
Curriculum Sub-Committee, Chair, 1990-91
Forest Policy Center Committee, 1983-85
Forest Resources Departmental Competency and Tenure Review Committee, 1980-8l, 1983-84, 1987-88
Forest Resources Faculty Retreat Committee, Chair, 1982
Forest Resources Graduate Curriculum Committee, 1982
Honorary Degree Committee, 1988
Logging Crew Selection Panel, 1982
Outstanding Senior Selection Committee, 1983
Prerequisite and Course Scheduling Committee, Chair, 1989
Teaching Assistant Selection Committee, Chair, 1990
TOEFL/GRE Committee, 1990

Professional and Scholarly Organizations:

Member, USDA National Needs Fellowship Proposal Review Panel, USDA CREES, Washington, DC, July 8-10, 2008.
Blue Mountains Natural Resources Institute, Social and Economic Technical Committee, member, 1991-94
Fund for Rural American Proposal Review Panel, USDA, 1997
General Agriculture Training Program, Natural Resources Placement Panel Member, USAID/CID, 1990-91
Inland Empire Society of American Foresters
Chair, 1990
Chair-elect, 1989
Executive Council, 1984, 1989-94, 1996
Leadership Conference, Post Falls Idaho, January 24-26, 1991; attended and facilitated morning session, 1995, 1996
Nomination and Awards Committee, 1995-97
Policy Chair (Idaho), 1992-94
Program Committee, 1981-82
Registration Committee Volunteer for National Convention, 1989
Session Moderator, section meeting, March 13-14, 1981, February 13-14, 2000
Chair of Poster Committee for Tri-State Meeting, Lewiston, ID, April 13-15, 2005
Faculty Advisor, University of Idaho Student Chapter of Society of American Foresters, 1994-2000
Palouse Chapter of the Society of American Foresters

Palouse Chapter, Chair-elect, 1983; Chair, 1984
Community Forestry Day, Chair, Food Committee, 1986-87, 1990-93
Seventh American Forest Congress, Legacy Committee Member, 1997-2000
Society of American Foresters
Candidate for SAF Council from Voting District I (1993 and 1996)
Moderated General Session of National Convention, San Francisco, 1991
National SAF Committee on Women and Minorities, 1983-86
National SAF Ethic Committee, 1991-94; Chair, 1993
Xi Sigma Pi, member 1998-present

Reviewer/Editorial Activities:
College's Report to the Governor on the Idaho Timber Supply Study and Forest Plan Effects on Timber Supply, Technical Reviewer, 1987
Agroforestry Systems, Technical Reviewer, 1989-present
Bioscience, 2001
Forest Science, Associate Editor, 1995-99
Journal of Forestry, Technical Reviewer, 1984-present
Policy Editor*,* 1999-2004
National Research Council, review of report *National Capacity in Forestry Research: Meeting the Needs,* 2001
Northern Journal of Applied Forestry, 2001
Society and Natural Resources
Co-Editor, 2006
Associate Editor, 1992-95
Technical Reviewer, 1989-present
Western Journal of Applied Forestry, Technical Reviewer, 1987-present
Women in Natural Resources, 1990-2004
Panel Reviewer for Competitive Grant Proposals for USDA/CSREES programs, 1998-present, as requested
Provide External Reviews for Tenure and Promotion candidates, 1995-present, as requested. Requests in last five years from University of Washington, North Carolina State University, Iowa State University, Michigan Technological University, SUNY-Environmental Science and Forestry, Western Washington University, Colorado State University, University of Massachusetts-Amherst, Cornell University, University of Minnesota.

Outreach Service:

Chair, Society of American Foresters Accreditation Review Team, Stephen F. Austin University, Nacogdoches, Texas, April 24-27, 2011.
Member, External Review Team for the distance education Masters of Natural Resources degree program, Oregon State University, Corvallis, Oregon, June 13-15, 2010.
Member, External Review Team for Natural Resources Department, Iowa State University, Ames, Iowa, April 22-25, 2008.
National Association of University Forest Resources Programs Representative on Chief's Review of the Rocky Mountain Research Station, USDA Forest Service, Reno, NV, March 4-7, 2008.
Member, External Review Team for University of Rhode Island's NSF/IGERT program, September 4-6, 2007.
Chair, Society of American Foresters Accreditation Review Team, Auburn University, Auburn, Alabama, April 17-20, 2005.
Participated as one of 25 invitees in the International Union of Forestry Research Organizations' *Workshop on the Forest Science/Policy Interface* in Birmensdorf, Switzerland, June, 2004.
Served on USDA/CREES five-member external review team of Washington State University's proposal for a School for Natural Resources and the Environment, April 2003.
Participant in the Seventh American Forest Congress, Washington, D.C., February 20-24, 1996.

Organized and lead facilitator of the Idaho Roundtable for the Seventh American Forest Congress, held in Moscow, Idaho, August 29, 1995.

Facilitator at the National Capital Roundtable for the Seventh American Forest Congress held in Washington, D.C., November 17, 1995.

Invited participant in a problem analysis workshop designed by the USDA Forest Service Pacific Northwest Research Station on "Institutional Barriers and Incentives for Ecosystem Management," Skamania Lodge, Stevenson, Washington, October 20-22, 1994.

Workshop with Public Involvement Team, Cle Elum Ranger District, Wenatchee National Forest, April 8, 1991.

Represented College of Forestry, Wildlife and Range Sciences at NAPFSC-SAF Education Symposium, Denver, Colorado, November 1991.

Moderator, panel on deforestation in the "Exploring Global Issues: An Intercultural View" series presented by the International Programs Office, University of Idaho, and the National Association of Foreign Student Affairs, 1991.

Land Use Planning Methodologies in Social Forestry, presented to Pakistan Forest Service Officers, November 5-25, 1991, Pakistan Forest Institute, Peshawar, Pakistan, for Winrock International/ USAID Project.

Facilitated sessions at the CFWR sponsored "New Perspectives" Workshops in Moscow, November 28-29, 1990 and September 20, 1991.

Participated in and represented the UI/CFWR at the University of Michigan's International Forestry Seminar during their field visit to southern Idaho, September 27-30, 1990.

Member of USDA Forest Service Task Force to study the management of the Frank Church River of No Return Wilderness in Boise, Idaho, April 16-20, and Salmon, Idaho, April 26, 1990.

Member of Consultant Team to advise Winrock International and the National Association of Foreign Student Affairs on improving academic programs in agriculture for students from developing countries, January 25-28, Winrock Headquarters, Petit Jean Mountain, Arkansas, 1990.

Designed public involvement section for Riparian Management Study, Policy Analysis Group, College of Forestry, Wildlife and Range Sciences, 1989-90.

Served as Acting Africa Coordinator for a one-month detail with the USDA Forest Service International Forestry Support Program in Washington, D.C., October-November 1989.

Consultant and Instructor in USDA Office of International Cooperation and Development 3-day University Workshop for Technical Short Course Instructors, March 5-8, 1989.

University Co-Chair of ISEC National Training Conference, held in Washington, D.C., March 12-15, 1989.

Member of Consultant Team to the Pakistan Forestry Planning and Development Project: Phase II Technical Assistance Re-Design and Suggested Contract Amendment, Islamabad, Pakistan, April-May 1988.

Designed and coordinated Indian Faculty Workshop presented at the University of California, Berkeley, March 3-5, 1988 (with C. Hatch and Winrock International).

University Workshop, Co-trainer for two USDA Office of International Cooperation and Development 3-day workshops for university professors who conduct technical short courses for international participants, presented in February and March in Washington, D.C. 1987.

Social Forestry and Extension Technical Short Course, presented to Indian Forest Service officers, November 3-December 15, 1986, Bhopal, Madhya Pradesh, India, for USAID New Delhi in collaboration with the Indian Institute of Forest Management, 1986.

Working Group Coordinator, Idaho Panhandle National Forest, Proposed Plan Review, 1985.

Public Participation Workshop, Nezperce National Forest, December 13-14, 1985, Grangeville, Idaho.

Member of the Mid-Term Evaluation Team for the Maharashtra Social Forestry Project, New Delhi and Poona, India, September 10-October 11, 1985.

Coordinator and Instructor, Extension Forester Training in Community Participation Techniques, USAID Madhya Pradesh Social Forestry Project, India, November-December 1984.

Responsible for preparation of Forest Resources departmental brochure, 1982.

Co-Chairman of conference entitled "Women in International Natural Resources," sponsored by USAID Women in Development Program held at the University of Idaho, March 8-9, 1982.

Workshop on Public Involvement of Targhee National Forest employees, Idaho Falls, Idaho, 1980.

Workshop on Public Involvement for the Issues Identification Phase of the Forest Planning Process, Sawtooth National Forest, Twin Falls, Idaho, 1980.

Community Service:

Moscow Giving Circle, 2008-present
American Association of University Women, 1981-90
United Way Phonathon volunteer, 1983
American Cancer Society Volunteer, 1970-80
American Heart Association Volunteer, 1981-96
AAUW/LWV Voter Registration Volunteer, 1988-90
League of Women Voters, 1971-82
Resource Person in Natural Resources Study Group; participated in national LWV consensus on Land Use (1976) and Energy (1977)
YWCA of the Palouse, Board of Directors, 1995-97

Honors and Awards:

Woman of the Year, Administration, Athena, University of Idaho, 2004
Forester of the Year, Inland Empire Society of American Foresters, 1992
Elected a Fellow in the Society of American Foresters, 1992
Outstanding Continuing Education and Outreach Award, College of Forestry, Wildlife, and Range Sciences, 1989

PROFESSIONAL DEVELOPMENT:

Participant in Distance and Extended Education Cohort 4, University of Idaho, focused on developing on-line courses; FOR 584 Natural Resource Policy Development, 2012.
Attended University of Idaho on-campus workshops on academic advising, grant administration, departmental chair administration, and tenure and promotion processes (2007-present)
Awarded Sabbatical leave for one semester to conduct research on interdisciplinary graduate education programs and their impacts on future interdisciplinary work during the careers of the students and faculty involved, January-July 2007.
One of 86 women selected nationwide to participate in the four-week Summer Institute for Women in Higher Education Administration, held at Bryn Mawr College, Bryn Mawr, Pennsylvania, June 23-July 19, 1996.
Sabbatical, worked on a variety of current forest policy issues and legislation with the USDA Forest Service Policy Analysis Staff in Washington, D.C., 1995.
Writing Across the Curriculum, Faculty Development Workshop and follow-up meetings, 1994-95.
FOR 520 Tropical Ecology and Dendrology, Fall Semester, 1991.
Attended USDA/OICD University Workshop, Washington, D.C., March 25-28, 1991.
Attended Training of Trainers Workshop, Spokane, Washington, September 17, 1991.
Attended GAP Analysis (Geographic Information Systems Techniques) Workshop, Moscow, Idaho, October 29-31, 1990.
Attended USDA, Office of International Cooperation and Development, Training Workshop for Technical Short Courses, Washington, D.C., February 7-10, 1988.
Two-day seminar, "Expert Systems in Natural Resource Management: An Introduction," University of Idaho, May 12-13, 1987.
Two-day Seminar, "Chairing the Academic Department," University of Idaho, September 24-25, 1987.
Seminar, "Image and Communication Skills for Women," Spokane, Washington, July 29, 1987.
Attended seminar "Leadership Skills for Women," Spokane, Washington, June 10, 1986.
Attended professional training workshop on FORPLAN, at Oregon State University, January 6-9, 1986.
Attended USDA, Office of International Cooperation and Development, Training Workshop for Technical Short Courses, Washington, D.C., May 4-8, 1986, 1988, 1991.
Study Tour, Sri Lanka. Hosts: A.A. Wijetunga, Land Commissioner, and V.R. Nanayakkara, Head of the Forest Service, 1984.
Society of American Foresters Leadership Conf., CISPUS Environmental Center, Randle, Washington, 1984.

Selected for Faculty Development Summer Computer Science Workshop, 6 weeks, intensive workshop, May 21-June 28m, 1984.

Faculty development writing seminar with Michael Frome, Fall semester, 1983.

Two-day seminar on development with Jean-Claude Barcia-Zamor, Natural Resources Working Group, 1981.

Trainee in Title XII Strengthening Grant Program, 1981.

Participant in "Decision Support System Workshop," Moscow, Idaho, as part of CANUSA Spruce Budworm Program-West, 1981.

Invited attendee at 1981 Educator's Field Seminar, Region 1 & 4, USDA Forest Service, 1981.

Attended USDA, Office of International Cooperation and Development, Training Workshop for Technical Short Courses, Washington, D.C., 1981

Participated in Weyerhaeuser Seminar jointly sponsored by Weyerhaeuser Company and the College of Forestry, Wildlife and Range Sciences, University of Idaho, 1980.

Attended Modeling short course: "Educational Computer-Based Models for Socio-Economic-Technological Situations," Lehigh University, Bethlehem, Pennsylvania, 1980.