

CURRICULUM VITAE

Theodore E. Howard

HOME ADDRESS

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CAMPUS ADDRESS

Center for International Education
University of New Hampshire
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EMPLOYMENT

University of New Hampshire (1981-present)

Director, Center for International Education, July, 2001 to June, 2007.
Chair, Department of Natural Resources, September, 1996 to June, 2001.
Interim Chair, Department of Natural Resources, September, 1994 to September, 1996.
Professor of Forestry Economics, July, 2001 to present.
Associate Professor, July, 1987 – June, 2001.
Assistant Professor, December, 1981 - June, 1987.

Oregon State University (1978-1982)

Instructor, Department of Economics. Winter term, 1981; Microeconomic principles.
Graduate Research Assistant, September, 1978 to December, 1981.

Maine Department of Conservation (1974-1978) Bureau of Public Lands, forester.

EDUCATION

Ph.D. in Forestry Economics, Oregon State University, 1982.
Master of Forestry, Duke University, 1974.
B.S. Natural Resource Management, University of Maine, 1972.

Honors

Fulbright Scholar, Japan, 1996.
Japan Agency for Science and Technology, Office of the Prime Minister, Visiting Scientist Award, 1993.
Xi Sigma Pi, UNH Department of Natural Resources, Teacher of the Year, 1986.
Phi Kappa Phi, Xi Sigma Pi, Alpha Zeta.

ACADEMIC ADMINISTRATION

Center for International Education, University of New Hampshire

Director, July, 2001 to June, 2007.
National Association of State Universities and Land Grant Colleges (NASULGC) Commission on International Programs, Academic Affairs Committee, July, 2001 to 2007, Executive Committee, July, 2005 to 2007. Malone Award Selection Committee, 2006.
Association for International Education Administrators, 2002 to 2007
Northeast NAPFSC International Chair, 2001 - 2005

Department of Natural Resources, University of New Hampshire

Chair, September, 1996 to June, 2001; Interim Chair, September, 1994 to September, 1996.
National Association of Professional Forestry Schools and Colleges, 1994 to 2001.
Northeast NAPFSC International Chair, 2000 - 2001
National Association of University Forestry Resources Program, 2007 to present.
University Committee on Land and Property Use, Chair, 2000-2001, member, 2000 - 2002
University Advisory Committee to the President on Land and Property, 2000-2001
Council of Chairs, 1994 - 2001.
Woodlands and Natural Areas Committee, 1988 - 1996. Chair, 1988 – 1995
Coordinator of Forestry Program, 1989 – 1994; 2007 to present.

Academic Administration (continued):

Ruth E. Farrington Forestry Fund, 1982 to 1986. Chair, 1983 - 1985. 2004 to present, Chair, 2006 to 2007.

RECORD OF SCHOLARSHIP

Publications (44; 14 peer reviewed)

Howard, T.E., D. Zhang, and S. Smith. 2006 Sustaining Forest Management and Industry in a Changing Landscape: Developing a Practical Policy Model. *in* R. LaFortezza and G. Sanesi, eds. Patterns and Process in Forest Landscapes: Consequences of Human Management. Proceedings of the 4th Meeting of IUFRO Working Party 8.01.03. September 26-29. Locorotondo, Bari, Italy. Pages 213-218.

Howard, T. E. 2006. Implementing Uneven-aged Management in New England – Does It Make Economic Sense? In Proceedings - Implementing Uneven-aged Management in New England- Is It Practical? Workshop sponsored by NH Division of Forests and Lands, Granite State Division/Society of American Foresters and UNH Cooperative Extension. Fox State Forest, Hillsborough, NH. (in press).

Straussfogel, D., T. Howard, S. Masse, and D. Zhang. 2003. Transborder interactions in the sawmill industry of Chaudière-Appalaches, Québec: a survey analysis. *Forestry Chronicle*. 79(5):936-947.

Zheng, Yuejun, Xiangming Xiao, Zhongwei Guo, and Theodore Howard. 2001. A county-level analysis on spatial distribution of forest resources in China. *Journal of Forest Planning*. 7:69-78.

Howard, T. E. 2001. The forester's dilemma: paradoxes in the criteria and indicators for sustainable forestry. *Bois et Forêts des Tropiques*. 270(4):75-84.

Howard, T. E. 2001. Implicit and explicit paradoxes managing certified forests in the United States. In: Franc, A. et al., eds. Criteria and indicators for sustainable forest management at the forest management unit level, Nancy, France, Mar. 21-25, 2000. Joensuu, Finland: European Forest Institute. EFI Proceedings no. 38. p.237-245.

Davis, L., N. Johnson, T. Howard, and P. Bettinger. 2001. *Forest Management: To Sustain Ecological, Economic, and Social Values*. 4th edition. McGraw-Hill. 815 pages.

Howard, T., P. Sendak, and C. Codrescu. 2000. Eastern Hemlock: A Market Perspective. Proceedings: Symposium on Sustainable Management of Hemlock Ecosystems in Eastern North America. Gen. Tech. Rep. NE-267. USDA Forest Service, Northeastern Research Station, Durham, NH. June 22-24, 1999. pages 161-166.

Howard, T.E., K. Sugimura, and R.D. Cooksey. 1999. Emerging human values of forest resources - a Japan-United States comparison. In: Yoshimoto, A. and K. Yukutake, editors. *Global Concerns for Forest Resource Utilization: Sustainable Use and Management*. Selected Papers from the International Symposium of the FORSEA MIYAZAKI. 1998. Kluwer Academic Publishers. Dordrecht, Netherlands. pages 137-148.

Howard, T.E. 1999. Japan's Green Resources: Forest Conservation and Social Values. *Agriculture and Human Values*. 16:421-430.

Howard, T.E., K. Sugimura, and R.D. Cooksey. 1998. Emerging human values of forest resources. A Japan-United States Comparison. Proceedings. IUFRO International Symposium on Global Concerns for Forest Resource Utilization, Miyazaki, Japan, Oct. 5-10, 1998. Volume I: 292-301.

Howard, T.E. 1998. The Green Forest: Non-Timber Forest Management in Japan. Proceedings of the Joint Meeting of Canadian and Northeastern Forest Economists. Fredericton, New Brunswick, Canada, June 23-25. pages 231-245.

Publications (continued)

Howard, T.E. 1997. Log Export Markets in Rural New England, USA: Implications for Small Scale Private Forestry Proceedings. IUFRO International Symposium on Small Scale Forestry and Rural Development. Kyoto, Japan. September 8-13. pages 84-89.

Cooksey, R.A. and T.E. Howard. 1995. Willingness to pay to protect forest benefits with conservation easements. Abstracts of Invited Papers. IUFRO XXth World Congress. 6 -12 Aug. Tampere, Finland. p.446.

Howard, T.E. 1995. Sustaining the forests of northern New England (USA): Institutions, Trade, and Bio-Politics. Proceedings. IUFRO International Workshop on Sustainable Forest Management Furano, Hokkaido, Japan. October 17-22, 1994. pages 39-47.

Chase, W.E. and T.E. Howard. 1995. Maine stumpage price characteristics and trends. Forest Products Journal. 45(1):31-36.

Howard, T.E. 1994. Federal taxation and the northern forest lands: a discussion paper prepared for the Northern Forest Lands Council. May 20, 1992. in Technical Appendix-a compendium of technical research and forum proceedings from the Northern Forest Lands Council. NFLC, Concord, NH. Section 8.3:1-56.

Howard, T.E. 1994. A bio-economic model for evaluating tax policy impacts on forest land rents in Northern New England, U.S.A. Proceedings. International Symposium on Systems Analysis and Management Decisions in Forestry. Valdivia, Chile. March 9 - 12, 1993. pages 281-289.

Smith, C.T., W.B. Bowden, and T.E. Howard. 1993. Matching forest soils research with Northeastern land use trends. Proceedings. Agricultural Research in the Northeastern United States: Critical Review and Future Perspectives. J.T. Sims, ed., American Society of Agronomy, June 26, 1992. pages 59-66.

Clark, B.J. and T.E. Howard. 1992. Timber sale administration on New Hampshire's private forests. Journal of Resource Management and Optimization. 9(2):107-117.

Lutz, J.K., T.E. Howard and P.E. Sendak. 1992. Stumpage price reporting in the Northern United States. Northern Journal of Applied Forestry 9(2):69-73.

Clark, B.J., T.E. Howard, and R.G. Parker. 1992. Professional forestry assistance in New Hampshire timber sales. Northern Journal of Applied Forestry 9(1):14-18.

Clark, B.J. and T.E. Howard. 1991. Timber sale assistance: a case study of New Hampshire private individual landowners. The Consultant 36(3):14-15.

Howard, T.E. 1991. A public and private partnership for sustainable economic development in the northeastern United States. Proceedings of IUFRO Working Groups S6.03-03 and S6.02-03. Meetings at the 19th World IUFRO Congress Montreal, Quebec, Canada. Compiled by P.A. Harou and H. Gregersen. Aug. 6-11, 1990. pages 66-75.

Howard, T.E. 1990. Maintaining the working forest: strategies for resolving land use conflicts in northern New England and New York. Jour. of the Japan Assoc. for Forestry Statistics. 15:89-100.

Howard, T.E. 1990. Comment on Konig-Faustmannism: a critique. Forest Science. 36(1):8-9.

Howard, T.E. 1990. Comment on David M. Smith's "Maine's Changing North Woods". In R.E. Barringer, ed. Changing Maine. The 1989 Masterton Lectures. Edmund S. Muskie Institute of Public Affairs. University of Southern Maine. Portland. pages 133-135.

Irland, L.C. and T.E. Howard. 1989. Innovative forms of timberland ownership: what are the driving forces? The Consultant. April. pages 32-36.

Publications (continued):

Howard, T.E. and P.E. Sendak. 1989. Making multi-resource decisions: resource values in northern New England. Proceedings. New England Society of American Forester 69th Annual Meeting. Portland, ME. March 16. R. Briggs et al., editors. ME Agr. Exp. Stat. Misc. Rep. 336. pages 64-70.

Howard, T.E. and J.T. Walkowiak. 1988. Management impacts on Christmas tree returns. Northern Journal of Applied Forestry. 5(1):51-55.

Alig, R., T.E. Howard and J. Bourgiornio. 1987. Effects of Demographic and Economic Factors on Forest Area Change: North and South Comparison. Proceedings: Joint Meeting of the Southern Forest Economics Workers and the Mid-west Forest Economists; R. Busby, J. deStigeur and W. Kurtz, eds. April 8- 10th, Asheville, NC. pages 155-162.

Howard, T.E. and S.E. Lacy. 1986. Forestry limited partnerships. Journal of Forestry. 84(12):39-43.

Walkowiak, J.T. and T.E. Howard. 1986. Christmas Tree Production Costs and Returns Model. Research Report 110. N.H. A.E.S. University of New Hampshire, Durham, NH. 33 pages.

Howard, T.E. 1986. The lore and lure of eastern white pine: a demand-side view. Proceedings: Eastern White Pine: Today and Tomorrow. Durham, NH. June 12, 13, 14, 1985. U.S.D.A. Forest Service General Technical Report WO-51. Washington, D.C. pages 10-15.

Howard, T.E. and S.E. Lacy. 1986. A survey of forestry limited partnerships. In Proceedings: Timberland Investment Opportunities. Forest Products Research Society. Atlanta, GA. Sept. 30 to Oct. 2, 1985. pages 137-143.

Howard, T.E. 1986. Christmas trees - a boom industry. American Christmas Tree Journal. 30(2):31-32. (Reprinted from NH AES Research Highlights; co-authored with Dr. Douglas Routley. Article appeared without identification of authors.)

Howard, T.E. 1985. Estate planning for nonindustrial forest owners. Land Economics. 61(4):363-371.

Howard, T.E. and J.T. Walkowiak. 1985. A profile of the Christmas tree industry in northern New England. Proceedings: Christmas Trees: A Symposium. Orono, ME, March 22, 23. pages 50-59.

Howard, T.E. 1984. An economic model for thinning natural stands of eastern white pine. Proceedings: 1983 SAF National Convention. Portland, Oregon. Oct. 16-20. pages 503-506.

Howard, T.E. 1983. Economics of intensive management of New England's eastern white pine. Proceedings: New England Society of American Foresters, 63rd Annual Winter Meeting, Burlington, Vermont. March 10. pages 88-94.

Howard, T.E. 1983. Book review: Wildlands and Woodlots: the Story of New England's Forests by L.C. Irland. Journal of Forestry 81(2):115.

Reed, J., R. Weyrick, G. Frick, R. Driscoll, T. Howard, and G. Howe. 1982. A computer program to evaluate the economic benefits of current use assessment for New Hampshire landowners. Extension Mimeograph 82-2. Cooperative Extension Service, University of New Hampshire; New Hampshire Agricultural Experiment Station. July. 9 pages.

Howard, T.E. 1981. Impacts of Business Organization Form on Federal Income and Estate Tax Liabilities of Nonindustrial Private Forest Land Owners. Ph.D. Dissertation, Oregon State Univ. Corvallis, OR. 208 pages.

Joseph, J., Irland, L.C., and Howard, T.E.. 1980. Planning for the forest resources of Maine. Evaluation Document No. 1. Department of Conservation, Augusta, Maine. 75 pages.

Publications in Progress (7)

Amano, M., S. Harada and T. Howard. Global Warming Awareness and Personal Action – A Comparative Analysis of University Students in Germany, United States, Thailand, and Japan. (To be submitted to Environmental Conservation)

Cummings, M., D. Straussfogel and T. E. Howard. Assessment of socio-economic measures of dependence on the forest sector as a tool in forest certification. (In preparation, Journal of Forest Economics and Policy)

Straussfogel, D. and T. E. Howard. Dependency in forest-based communities: measurement and meaning. (In review, Canadian Journal of Forest Research)

Sugimura, K. and T. Howard. 2007. Integrating site quality and people's evaluation into a forest planning process – a case study in Hyogo, Japan. Forest Policy and Economics (In Press)

Codrescu, C and T. Howard. Does the market value timberland? A balance sheet model approach (In preparation for submission to the Journal of Forest Products Business Research).

Codrescu, C., and T. Howard. Investment performance of securitized and non-securitized timberland: a capital asset pricing model analysis (In preparation for the Forest Products Journal).

Howard, T., P. Sendak, and C. Codrescu. Production and Prices of Eastern Hemlock. (In preparation for the Northern Journal of Applied Forestry)

Papers and Presentations (75)

Howard, T. E. 2007. Sustainable Forests: An Economic Wood Supply Model. Seminar presented at Laboratoire d'Economie Forestière, L'Ecole Nationale du Génie Rural des Eaux et des Forêts, Nancy, France, June 1.

Howard, T. E. 2007. The Importance of Global Forests for the 21st Century. Seminar presented at Waseda University, Tokorozawa, Japan. February 20.

Howard, T.E. 2006. The State of International Education at the University of New Hampshire. Presentation to the Retired and Emeritus Faculty Association. Durham, NH. December 20, 2006.

Howard, T.E. 2006. Conceptualizing the Global University: Part IV. Pedagogical Opportunities and Challenges. Introductory remarks and panel moderator. National Association of State Universities and Land Grant Colleges Annual Meeting. November 12-14. Houston, TX

Howard, T.E. 2006. Rethinking the Curriculum for a Global University: The International Affairs Dual Major at the University of New Hampshire. Panel Presentation at the National Association of State Universities and Land Grant Colleges Commission on International Programs' Summer Meeting. Lake Tahoe, CA. July 12 to July 14.

Howard, T. E. 2006. Implementing Uneven-aged Management in New England – It's Not/All About the Money. Implementing Uneven-aged Management in New England- Is It Practical? Workshop sponsored by NH Division of Forests and Lands, Granite State Division/Society of American Foresters and UNH Cooperative Extension. June 22. Fox State Forest, Hillsborough, NH.

Howard, T. E. 2006. Implementing Uneven-aged Management in New England – Does It Make Economic Sense? Implementing Uneven-aged Management in New England- Is It Practical? Workshop sponsored by NH Division of Forests and Lands, Granite State Division/Society of American Foresters and UNH Cooperative Extension. April 13. Fox State Forest, Hillsborough, NH.

Howard, T. E. 2006. Best Practices for Implementing Global Competence: the International Affairs Dual Major at the University of New Hampshire. AIEA Annual Conference. February 22-24, 2006. San Diego, CA.

Papers and Presentations (continued):

Howard, T. E. 2006. Ecology and Economics of Landscape Management. Seminar presented at Ehime University, Matsuyama, Japan. January 10, 2006.

Howard, T. E. 2005. Civil-Military Emergency Preparedness – The New Hampshire Program. Presentation at the Partnership for Peace CMEP Workshop, July 25-28, 2005. Chisinau, Moldova.

Howard, T. E. 2005. Global Competency: Internationalizing UNH. Presentation to the UNH Emeriti and Retired Faculty Association. April 20, 2005. Durham, NH.

Howard, T. E. , D.Zhang, S. Smith and M. Cornelison. 2004. A Profile of the Sawmill Industry of New Hampshire and Vermont. Report to UNH Cooperative Extension. 22 pages.

Howard, T. E., D. Zhang and M. Cornelison. 2004 . Forest Industry Health in the Conservation and Management of Fragmented Forest Landscapes: A Case Study in Northern New England (USA). IUFRO Symposium on Conservation and Management of Fragmented Forest Landscapes. October 25-28, 2004. Tsukuba, Japan.

Bruno, G. and T. Howard. 2004. Civil-Military Emergency Preparedness – The New Hampshire 2004 Program for Nations in Transition. Seminar presented to the Center for Hemispheric Defense Studies, National Defense University. Washington, D.C. May 7, 2004.

Howard, T. E. and C. Codrescu. 2003. The discount rate and current use taxation of forestland in New Hampshire. Report to SPACE. September, 2003. 24 pages.

Howard, T. E. 2003. Accreditation and the Academy. Challenges in Forester Education. New England Society of American Foresters 83rd Annual Meeting. Burlington, VT March 17-20, 2003.

Howard, T. E. 2003. Japanese Forestry: Changes in Socio-economic values. Mitsubishi Japan Seminar. The University of Texas at Austin, Center for Asian Studies. March 5, 2003.

Howard, T.E., Debra Straussfogel, Meghan Cummings, Sylvain Masse and Difei Zhang. 2002. A Bioregional Assessment of Forest-Dependent Communities in Northern New England and Southern Quebec. Seminar presented at the Forestry and Forest Products Research Institute, Ministry of Agriculture, Forestry and Fisheries, Tsukuba, Japan. November 8, 2002

Cummings, M., D. Straussfogel and T. Howard. 2002. Measures of Maine Community Dependence on the forest sector. Abstract of Oral Presentation. Conference Proceedings. Eastern CANUSA Forest Science Conference. University of Maine. October 19-20, 2002. Orono, ME. Page 41.

Howard, T. E. 2002. Engaging Faculty in International Education: Promotion and Tenure Issues. Panel presentation at National Association of State Universities and Land Grant Colleges' Commission on International Education, Committee on Academic Affairs. Santa Fe, New Mexico. July 10-14, 2002.

Howard, T. E. 2000. Conflicts Within the Criteria and Indicators of Certified Forest Management. Seminar presented at the Forestry and Forest Products Research Institute, Ministry of Agriculture, Forestry and Fisheries, Tsukuba, Japan. November 2, 2000.

Howard, T. E. 2000. The Canada-US Softwood Lumber Agreement: Implications for Japan. Japanese Forestry Society – Forest Economics Division Annual Meeting. Tsukuba University, Tsukuba, Japan. October 28-29, 2000.

Howard, T. E. 2000. Free Trade and the Global Forest Environment. Seminar presented at Ehime University, Matsuyama, Japan. October 23, 2000

Howard, T. E. 2000. The Forestry Sector of the Quebec-Northeast United States Border Region: A Perspective from the South. Forest Resources Association Northeast Technical Division Annual Meeting. Quebec City, PQ, Canada. October 6-8, 2000.

Papers and Presentations (continued):

- Howard, T. E. and C. Codrescu. 2000. New Hampshire Current Use Assessment - Analysis of Stumpage Prices, 1979-2000. Report to New Hampshire Current Use Board. October 5, 2000. 20 pages.
- Howard, T.E. 2000. Forestry Economics Application: The Importance of Value in Environmental Economics. Secondary Teachers' Learning Workshop in Environmental and Resource Economics. New England Center, University of New Hampshire, Durham. May 26. 7 pages.
- Howard, T. E. and Debra Strausfogel. 1999. Forest-Dependent Communities in Southern Quebec: A Bioregional Approach. Annual Meeting of the New England and St. Lawrence Valley Geography Society. October 8-10. Farmington, Maine.
- Howard, T. E. and Claudia Codrescu. 1999. New Hampshire Current Use Assessment – Part I Analysis of Stumpage Prices. Report to S.P.A.C.E. September 30, 1999. 24 pages.
- Howard, T.E. 1999. Forestry Economics Application: Exporting New England Logs to Canada. Secondary Teachers' Learning Workshop in Environmental and Resource Economics. New England Center, University of New Hampshire, Durham. June 2-3. 12 pages.
- Howard, T.E. 1998. Green Resource Management: Japanese and American Approaches for Meeting Changing Social Demands. Seminar presented at Ehime University, Matsuyama, Japan. Oct. 12.
- Howard, T.E. 1997. The Greening of Japan. The University of New Hampshire International Seminar. Center for International Education. UNH, Durham. 20 pages.
- Howard, T.E. 1996. The Forestry Situation in the United States. Seminar presented to Ministry of Agriculture, Forestry and Fisheries, Forestry and Forest Products, Research Institute, Kansai Research Center, Kyoto, Japan.
- Howard, T.E. 1996. Forests at the Edges. Seminar presented to School of Agriculture Sciences, Department of Natural Resources and Environment, Nagoya University Nagoya, Japan. June 10th.
- Howard, T.E. 1996. Forests at the Urban Interface. Lecture to undergraduate general education class, "Environmental Problems and Society". Nagoya, University, Nagoya. Japan. June 10th.
- Cooksey, R.A. and T.E. Howard. 1995. Willingness to pay to protect forest benefits with conservation easements. Invited Paper. Div. S 6.11 - 04. IUFRO XXth World Congress. 6 - 12 Aug. Tampere, Finland. 16 pages.
- Invited discussant. 1995. National Symposium on Federal Taxation: Its Impact on Sustainability and Health of Nonindustrial Private Forests. March 3 - 4. Atlanta, GA.
- Howard, T.E. 1994. The present extent of northern New England's forest products trade. Presented at "Maine's Forest Products in a Global Marketplace. Downeast Resource Conservation and Development Council. Ellsworth, Maine, March 26th, 14 pages.
- Howard, T.E. 1993. Seminar Series: Valuing Non-Market Resources for Forest Planning. Presented at Forestry and Forest Products Research Institute, Tsukuba, Japan and Kansai Research Center, Kyoto, Japan.
- a. American Forests' Transition From Timberland to Forestland.
 - b. The Decision-Making Process: The Role of Public Participation.
 - c. Methodologies for Valuing Non-Market Resources.
 - d. Contingent Valuation Methods, with Applications of Dichotomous Choice.
- Howard, T.E. 1992. Adding timber to the investment portfolio. Investment Seminar Series. University of Hartford, Hartford, CT, September 29th, 35 pages.
- Howard, T.E. 1992. Resources and Values: the political economy of the Northern Forest Lands. Antioch College, Keene, NH. July 10th, 16 pages.
- Papers and Presentations (continued):

Howard, T.E. 1992. The Forest Resource Situation - Panelist. Forest Products Sector and the Northern Forest: Prospects for the Future. Feb. 10, 1992; Berlin, N.H.

Howard, T.E. 1992. Comments on "Sustainable Development and Changing Values in Africa: Gendered History, Gendered Geography and the Shape of Possible Future by Dr. Dianne E. Rocheleau. University of New Hampshire International Seminar, February 21st, 10 pages.

Howard, T.E. 1992. Forestry and Third World Development. Presentation to Oyster River High School Environmental Day. Feb. 5, 1992.

Howard, T.E., and J.K. Lutz. 1991. Determinants of land use and forest ownership in the Northeast. Report to USDA Forest Service, Southern Forest Experiment Station. 30 pages

Howard, T.E. 1991. Tax Policies to Conserve the Forest Heritage of the Northeastern United States 10th World Forestry Congress, Paris France. September 16-24th. 6 pages.

Howard, T.E. 1991. Tax policy and land use allocation in the Northern Forest Lands Area. Colloquium in Natural Resources and Environmental Policy Institute for Policy and Social Science Research. Univ. of N.H. Feb 28. 6 pages.

Howard, T.E. 1991. Regional trends in Forest Products: What's happening in New England. Massachusetts Forestry Association. Sturbridge, MA. Jan. 16. 5 pages.

Howard, T.E., and J.K. Lutz. 1991. Land Use and Ownership Changes in the Northeast. Research Project Report. 42 pages.

Lacy, S.E and T.E. Howard. 1990. Timberland for the institutional investor: a risk-return analysis. UNH Department of Natural Resources. 13 pages.

Howard, T.E. 1990. Uniqueness of Timber; Estate Planning for Timberland. Investment in Timberland: A Seminar for Bankers. USDA Forest Service. Grey Towers, Milford, PA. Nov. 8 -9.

Howard, T.E. 1990. Forestry and Land Use Practices in Japan. Natural Resources Seminar. University of New Hampshire, Durham. Sept 27. 10 pages.

Howard, T.E. 1990. Keeping Japan Green: Policies for Open Space and Forest Protection in an Urbanizing Environment. Colloquium in Natural Resource and Environmental Policy. Institute for Policy and Social Science Research. UNH. April 12. 10 pages.

Howard, T.E. 1990. Participant in Panel Discussion on Issues Facing North American Forests, UNH Earth Day Coalition. April 12th.

Howard, T.E. 1990. Income valuation of timberland: a prototype model for the Northern Lands Study. A report prepared for the U.S. Forest Service, Northern Forest Lands Study. January. 37 pages. Papers and Presentations (continued)

Howard, T.E. 1990. Keeping Japan Green: Forest and Open Space Protection. Poster Session. New England Society of American Foresters, 70th Annual Winter Meeting, Manchester, NH. March 7-9.

Holmes, W.E. and Howard, T.E. 1990. Federal and State Taxes on Forest Investment in the N.F.L.S. Area: Report for the U.S. Forest Service, Northern Forest Lands Study. January. 65 pages.

Howard, T.E. 1990. Maintaining a Working Forest in Northern New England and New York. Seminars presented at The University of Tokyo (January 9) and University of Nagoya (January 17).

Sendak, P.E., T.E. Howard and J.K. Lutz. 1989. Stumpage Price Reporting: A Workshop. Cooperative Extension - Cooperative Forest Management Meeting. June 22. Providence, R.I.

Papers and Presentations (continued):

Howard, T.E., and J.K. Lutz 1988. Determinants of Land Use and Ownership Changes in the Northeast Report to the USDA Forest Service Southeastern Forest Experiment Station. 37 pages.

Howard, T.E. 1988. Projecting Land use and Ownership Changes in the Northeast Using Seemingly Unrelated Regression. Seminar presented to Social Science Research Center, University of New Hampshire, Durham, NH. April 6.

Howard, T.E. 1987. Timber in the Pension Portfolio. 6th Annual Conference on Pension Real Estate Investment. Northwest Center for Professional Education. Chicago. November 10th. 15 pages.

Irland, L.C. and T.E. Howard. 1987. Innovative forms of timberland ownership: What are driving forces? Proceedings Forest Products Research Society, Milwaukee, Wisconsin. April 28.

Howard, T.E. 1986. Managerial Economics in Regeneration Decisions. Fall Meeting, Granite State Division; Society of American Foresters. Bartlett Experimental Forest. Bartlett, NH. October 13.

Howard, T.E. 1986. Cost and returns to Christmas tree production. Annual Meeting of NH-VT Christmas Tree Association. January, 19th. Barre, VT.

Howard, T.E. 1985. An overview of the U.S. timber demand, supply and price situation. Timberland Investment Seminar. Duke University, Durham, NC. April 2nd. 12 pages.

Howard, T.E. 1985. Forestry limited partnerships. Timberland Investment Seminar. Duke University, Durham, NC. April 3rd. 10 pages.

Howard, T.E. 1984. Timber inventory: dynamics and supply. Timberland Investment Training Session for Pension Fund Sales. The Travelers Companies. Hartford, CT. March 22. 10 pages.

Howard, T.E. 1983. Timber commodity price trends in New England. Paper presented at U.S. Forest Service, Northeastern Area, State and Private Forestry Marketing Workshop Portsmouth, New Hampshire, February 15. 16 pages.

Howard, T.E. 1982. Update on federal timber tax issues. Presented to N.H. Cooperative Extension Service Foresters Training Session. December 15. Durham, NH. 14 pages.

Howard, T.E. 1982. Maximizing dollar returns on stand investments. Field talk for Granite State Division, Society of American Foresters, Fall Meeting. October 22. Conway, NH.

Howard, T.E. 1980. How much estate tax are my heirs likely to pay? presented at: Seminar on Estate Planning for the Forest Property Owner. February 28th. Portland, Oregon. O.S.U. Extension Service and Department of Forest Management.

Howard, T.E. 1974. Discussant, for paper given by Clark Row, U.S.F.S.: Forestry commodity projection methodology and long range planning, a national perspective. Symposium on Forestry and Long Range Planning. Duke University, Durham, North Carolina.

RESEARCH PROJECTS

New Hampshire Agricultural Experiment Station

Transborder Forestry Relations: A Bioregional Approach to Sustainable Communities. July, 2001 to October, 2004. Co-Principal Investigator (with Debra Straussfogel).

Log Exports from Northern New England-Forestry Sector Impacts. July, 1994 – June, 2001. Principal Investigator.

Land Use and Forest Ownership Change in Northern New England and New York. July, 1991 - June, 1994. Principal Investigator.

AES Projects (continued):

Tax-Exempt Institutional Investment in Timberland, September, 1986 - July, 1990. Principal Investigator.

Economics of the Christmas Tree Industry in Northern New England. July, 1982 to June, 1985.
Principal Investigator.

Long Run Supply of Forest Products; regional project on wood energy. September 1982 to September, 1985. Co-Principal Investigator

Technical Assistance and Non-industrial Private Forests in the Northeast. July, 1991 - June, 1992.
Administrator of project on behalf of Dr. Donald Hodges, Mississippi State University.

Externally Supported Projects (24 projects, \$866,488)

Forestry Economics and Management: Expanding Awareness of Canadian Issues and Perspectives. 2007
Canadian Embassy. Faculty Enrichment Grant (\$4,000).

Emergency Management in Civil Societies – New Hampshire 2006. The Republics of Kazakhstan and
Belarus. Department of Defense, United States Army Corps of Engineers. (\$198,218)

Civil-Military Emergency Preparedness – New Hampshire 2005. Russia and Latvia. Department of Defense,
February, 2005 to June, 2005 (\$192,236).

Student Attitudes and Behaviors Toward Global Warming. Collaborator with Dr. Masahiro Amano, Waseda
University, Tokyo, Japan. January, 2005 to June 2005.

Civil-Military Emergency Preparedness – New Hampshire 2004. Belarus and Macedonia. Department of
Defense, February, 2004 to June, 2004 (\$165,987).

Partnerships for Peace – New Hampshire 2003. Tajikistan and Georgia. Department of Defense. February,
2003 to June, 2003 (\$146,147)

Forest-Dependent Communities in Rural Southern Quebec: A Bioregional Approach. Canadian Studies
Grants Program, Government of Canada. Co-Principal Investigator with Debra Straussfogel, UNH
Departments of Geography and Natural Resources. January, 2000 to December, 2001. (\$5,000).

Securitization of Timberland Investments: An analysis of the market. Research grant from Hancock Timber
Resources Group, Boston, MA. January 3, 2000 - June 30, 2000. (\$5000).

New Hampshire Current Use Assessment: Analysis of Prices and Discount Rates. Research grant from
SPACE (Statewide Program of Action for Conservation and Environment). August – December, 1999.
(\$4700).

New Hampshire Timber Harvest Database. Research grant from the New Hampshire Timberland Owners'
Association and the New Hampshire Division of Forests and Lands. June – August, 1999. (\$3500)

Fulbright: Japan - United States Educational Commission. Japan Today Program. 1995-1996. (\$10,000).

Optimal Auto-Process Control of Kiln Drying of Northeastern Hardwood Species. Administrator, Research
Grant from University of Maine, Wood Science Research Center. USDA/CSRS Special Grant. April, 1994 -
June 1999. (\$87,500).

Assessing Current Use Participation in New Hampshire. Research Grant from the Division of Forests and
Lands. New Hampshire Dept. of Resources and Economic Development. October, 1993 -September,
1994 (\$1,000).

Externally Supported Projects: (continued)

Valuing Non-Market Resources for Forest Planning. Research Grant from the Japan Science and

Technology Agency, Office of the Prime Minister. September, 1993 - October, 1993 (\$11,000).

Technology Transfer: Improved Utilization of Northeastern Wood Species UNH Co-ordinator of CSRS Special Grants Research Program joint grant to U Maine, (lead), U Vermont and UNH. July, 1993 - June 1995 (\$52,400)

The Value of Conservation Easements as Public Goods. Research grant from the USDA. Forest Service, Northeastern Area, State and Private Forestry. June 1993 - December, 1994 (\$3,000)

Social and Political Influences on Diffusion of Forest Pest Control Methods. Co-Principal Investigator with Dr. Donald Hodges, Mississippi State University. Research grant from the U.S.D.A. Forest Service, North Central Forest Experiment Station. July, 1992 - September, 1993 (\$5,000)

Evaluation of Changes in Grade Recovery for Full Taper Sawing of Northern Hardwood Lumber. Research grant from the U.S.D.A. Forest Service, Southeastern Forest Experiment Station. August, 1991 - June 1992 (\$5,500).

Japanese Forest Land Protection. Research Travel Grant from Whiting Foundation. 1990. (\$4,100)

Taxation and Timberland Valuation. Research grant from USDA Forest Service, Northern Forest Lands Study. 1989-1990. (\$12,200)

Stumpage Price Reporting Systems in the North. Research grant from the U.S. Forest Service Northeastern Forest Experiment Station. July, 1987-December, 1989. (\$12,000)

Long Run Projections of Forest Area Change and Ownership Distribution in the Northeast. Research grant from the U.S. Forest Service, Southeastern Forest Experiment. Station. September, 1985 to December, 1987. (\$16,000)

Forest Type Change in the Northeast. Research grant from the U. S. Forest Service, Southeastern Forest Experiment Station. December 1987 - June 1988. (\$5,000)

Forestry Limited Partnerships. Research grant from the U.S. Forest Service, Southern Forest Experiment Station. July, 1983 to June, 1985. (\$15,000)

Externally Supported Projects – Proposals in Progress

PIRE: Interface Engineering for Miniaturized Processes and Mechanisms. NSF Partnership for International Research and Education. Co-PI with Brad Kinsey, Mechanical Engineering, et al. (\$2,500,000)

Civil-Military Emergency Preparedness – New Hampshire Partners for Peace 2007-2008. Department of the Army, United States Army Corps of Engineers. (\$227,684)

Externally Supported Projects – Submitted but not funded – last five years

Examining uncertainty in anthropogenic factors influencing nitrogen input, retention, and export, and its effects on policy decisions: A case study in a rapidly suburbanizing watershed. Northern States Research Cooperative. USDA. Co-Principal Investigator with A. Cooper and W. McDowell (\$250,000)

Uncertainty in N Export Models. Environmental Protection Agency. STAR Program. Co-PI with A. Cooper (PI) and W. McDowell. (\$348,839).

Facilitating Working Relationships Among New Large Landholders and Processors of Certified Forest Products in the Northern Forests of New Hampshire and Maine. Northern States Research Cooperative (\$98,000).

Externally Submitted but not funded – last five Supported Projects –years (continued)

Balancing Ecological, Social and Economic Considerations in a Trans-boundary Region: Sharing a Forest Across New England and Canadian Borders. Northern States Research Cooperative (\$139,868)

Freedom Support Act Undergraduate Program. Renewal proposal submitted to the American Councils for International Education, US State Department. (\$38,000). Submitted, March, 2002.

Bosnia-Herzegovina Undergraduate Development Program. Renewal proposal submitted to United States State Department. (\$107,651). Submitted, February, 2002.

Internally Funded Projects: (\$6500)

Class of 1954 Academic Enrichment Award. 2006. New Hampshire International Seminar Series – “International Responses to Natural and Human-Caused Catastrophes. Office of the Provost. (\$4500).

Rural Development Strategies for Northern N. H. 1990. Institute for Policy and Social Science Research. Research Grant Development, 1989 (\$2,000).

Faculty Associate, Institute for Policy and Social Science Research, UNH. 1987 to 2001.

SUPERVISION OF GRADUATE STUDENT RESEARCH AND EDUCATION

Thesis Committee Chair (21, 19 completed)

Cottle, Morgan; M.S. (pending)

McIntyre, Joshua; M.S. (pending)

Zhang, Difei. 2007. Sustainability of New Hampshire’s Sawmill Industry and Its Forest Resource Base. Ph.D. in Natural Resources dissertation. University of New Hampshire. 276 pages.

Ikemoto, Rika. 2006. Improving the Policy Making Process in Municipal Solid Waste Management: Learning from Minamata-City, Japan. M.S. Thesis. University of New Hampshire. 125 pages.

Lemuth, Stephen. 2005. Bridging the Gaps: U.S. and International Research. Master of Arts in Liberal Studies. Directed Research Paper. Co-chair with Joseph Lugalla, Anthropology

Cummings, Meghan E. 2003. Approaches to Sustainability in Forested Regions: Measures of Forest Sector Dependence and Exploration of the Maine Sawmill Industry in the Northern Forest Bioregion. M.S. Thesis. University of New Hampshire. 180 pages.

Codrescu, Claudia. 2001. An Analysis of Securitized and Non-securitized Investments in Timberland. M.S. Thesis. University of New Hampshire. 150 pages.

Habicht-Hidenfelter, Mindy. 2000. White pine log exports from northern New England to Quebec. M.S. Thesis. Resource Admin. and Management. University of New Hampshire. 62 pages.

Lutz, John 1997. Timber price trends. Ph.D. in Natural Resources dissertation. University of New Hampshire, Durham. 320 pages.

Rice, Wanda. 1995. Identifying shorefront lands with high land use conversion potential in Northern New Hampshire using a geographic information system. M.S. Thesis. University of New Hampshire, Durham. 120 pages.

Kingsley, E.W. 1995. Enrollment and eligibility in New Hampshire's current use taxation program. M.S. Thesis. Resource Administration and Management. University of New Hampshire. 47 pages.

Supervision of Graduate Students (continued):

Cooksey, R.A., Jr. 1994. Conservation easements as a public good: The willingness to pay for forest land benefits protected with conservation easements in the northern forest lands, New Hampshire. M.S. Thesis. Resource Administration and Management. University of New Hampshire. 140 pages.

Prihartini, Arifah. 1994. The policy implications of log export restrictions on some aspects of the forestry sector in Indonesia. M.S. Thesis Resource Administration and Management. University of New Hampshire. 136 pages.

Holmes-Scribner, W.E. 1994. Attitudes toward land protection policy alternatives in the Northern Forest Lands Region. University of New Hampshire. M.S. Thesis. 137 pages plus appendices.

Luther, Thomas E. 1993. An Evaluation of the Global Positioning Systems in the Application of Geographically Referencing UNH Woodlands. M.S. Directed Research, University of New Hampshire. 26 pages.

Chase, Warren E. 1991. Maine's stumpage prices: characteristics and trends 1963-1990. M.S. Thesis. University of New Hampshire. 121 pages.

Clark, Brian J. 1990. Timber stumpage markets in New Hampshire. M.S. Thesis. University of New Hampshire. 124 pages.

Lacy, Susan E. 1989. A risk-return analysis of timberland for the institutional investor. M.S. Thesis. University of New Hampshire. 106 pages. (Won award for best thesis from the Society of American Foresters' Economics and Policy Working Group)

Gonzalez, Carlos. 1987. A model for analyzing wood energy plantations in the Dominican Republic. M.S. Thesis, University of New Hampshire. 137 pages.

Walkowiak, John T. 1984. Economics of the Christmas tree industry in northern New England. M.S. Thesis. University of New Hampshire. 169 pages.

Rogers, Arthur W. III. 1983. The applicability of PERT networking for the N. H. Division of Forest and Lands: the evaluation of a timber sale. M.S. Thesis. University of New Hampshire. 80 pages.

Graduate Student Thesis Committee Member (18, 17 completed)

Arthur Powers, Ph.D. (pending)

William Fleeger, M.S. (2005)

Haruka Asahina, M.S., 2004

Yuriko Yano, M.S., 1997

Mary Ellen Belhoewer, M.S. 1995

Richard Connor, M.S., 1993

Peter Madden, M.S., 1992

Richard Roy, M.S., 1989

Geris Weisman, M.S., 1983

William Fleeger, Ph.D. (2007)

Lynda Brushette, Ph.D., 2004

Jyothi Pendarkar, M.S., 1999

Kenneth Markley, M.S., 1997

Jan Greczynski, M.S., 1994

James Schriever, M.S., 1992

David Justice, M.S., 1989

John Carlson, M.S., 1984

Daniel Dunn, Ph.D., 1983

OTHER SCHOLARLY ACTIVITIES

Peer Reviewer

Scientific Journals, Books, and Publications:

Landscape and Urban Planning

Forest Ecology and Management

Agriculture and Human Values

McGraw-Hill, Inc.

Journal of Forestry

Northern Journal of Applied Forestry

Forest Science

Land Economics

Peer Reviewer (continued):

Research Proposals and Program Reviews:

University of Maine, School of Forest Resources, 2007
Forest Resources Management, University of British Columbia, Vancouver, Canada, 2006
Northeastern States Research Cooperative Review Panel, 2003, 2004, 2006
University of Tennessee, Proposal for Doctoral Program in Natural Resources, 2001
US Department of Education, Fund for Improvement of Secondary Education, Final Review; 2000
USDA/CREES/ National Research Initiative - Competitive Grants Program; 1996, 1998, 2000, 2004
Maryland Agricultural Experiment Station
Maine Agricultural Experiment Station
USDA Forest Service, Pacific Northwest Forest and Range Experiment Station.

Promotion and Tenure:

University of Washington, 2005
Pennsylvania State University, 2005
University of New Hampshire, Department of Environmental and Resource Economics, 2004
University of Massachusetts, Department of Forestry and Wildlife
University of Georgia, School of Forestry
University of New Hampshire, Department of Geography
North Carolina State University, Department of Forestry
University of Tennessee, Department of Forestry, Wildlife and Fisheries, 2003

Continuing Education and Conferences

International Activities:

Civil Military Emergency Preparedness – Visiting US Delegation, Minsk, Republic of Belarus, May 26 to May 31, 2007.

Critical Incident Prevention and Managing Travel Abroad Risks. Babson College, Wellesley, MA December 15, 2005.

Partnership for Peace: Civil-Military Emergency Preparedness Workshop, U.S. Army Corps of Engineers. July 25-28, 2005. Chisinau, Moldova

National Association of State Universities and Land Grant Colleges (NASULGC) Commission on International Affairs Annual Meeting. Essex, VT – 2001, Santa Fe, NM – 2002, Vancouver, BC – 2003, Costa Mesa, CA – 2004, Newport, RI – 2005, Lake Tahoe, CA – 2006.

Association of International Education Administrators Annual Meeting, Tampa, FL, 2002; Washington, D.C., 2004; San Diego, CA, 2006.

Japanese Forestry Society – Forest Economics Division Annual Meeting, Tsukuba University, Tsukuba, Japan, October 28-29, 2000.

Forest Resources Association-Northeast Technical Division, 2000 Fall Meeting, in cooperation with the Quebec Lumber Manufacturers' Association and the Canadian Woodlands Forum. Quebec City, Canada, October 6-8, 2000.

International Union of Forestry Research Organization (IUFRO) International Symposia and Congresses:

Conservation and Management of Fragmented Forest Landscapes, Tsukuba, Japan.
October 25-28, 2004.

Criteria and Indicators for Sustainable Forestry at the Forest Management Unit Level. Nancy, France.
March 21-25, 2000.

International Activities (continued):

Global Concerns for Forest Resource Utilization, Miyazaki, Japan, Oct. 10, 1998

Small Scale Forestry and Rural Development, Kyoto, Japan. Sept. 8-13, 1997.

20th World IUFRO Congress, Tampere, Finland. Aug. 6 - 12, 1995.

Sustainable Forest Management, Furano, Hokkaido, Japan, Oct. 17-22, 1994.

19th World IUFRO Congress. Montreal, Quebec, Canada, August 6-11, 1990.

Forest Operations Planning and Control Symposium. Edinburgh, Scotland, UK, July 25-29, 1988.

Forestry Field Visit. Czech Republic. Aug. 2 - 4, 1995.

International Symposium on Systems Analysis and Management Decisions in Forestry, Valdivia, Chile, March 6-17, 1993.

10th World Forestry Congress, Paris, France. Sept. 15-24, 1991.

Japanese Language Study, University of New Hampshire, multiple courses and audits, 1986 to present.

Travel in Japan: 1.5 weeks, 2007; 1 week, 2006; 1 week, 2004; 1 week, Winter 2002; 2 weeks Fall, 2002; 3 weeks, 2000; 2 weeks, 1998; 2 weeks, 1997; 7 weeks, 1996; 2 weeks, 1994; 6 weeks, 1993; 3 weeks, 1990. (12 trips; 31.5 weeks total)

Countries visited (professional): Australia, Belarus, Belgium, Canada, Chile, Czech Republic, El Salvador, Finland, France, Germany, Italy, Japan, Korea, Luxembourg, Moldova, Netherlands, New Zealand, Switzerland, United Kingdom (19).

Domestic Activities:

Society of American Foresters' National Conventions:

Spokane, WA - 1979, 1989; Portland, OR - 1983, 1999; Fort Collins, CO - 1985;
Rochester, NY - 1988; Richmond, VA - 1992; Anchorage, AK - 1994; Portland, ME - 1995;
Albuquerque NM - 1996; Memphis, TN - 1997; Washington, D.C. - 2000

New England Society of American Foresters' Winter Meeting:

Portland, ME - 1978, 1985, 1989, 1993; Durham, NH - 1982; Burlington, VT - 1983, 1986, 1991,
2003; Worcester, MA - 1984; Manchester, NH - 1987, 1990, 1994; Lowell, MA - 1988, 1992.

American Forest & Paper Association - National Association of Professional Forestry Schools and Colleges. Deans' Tour. Northern Florida, 1998; Idaho, 2000.

Western Forestry Economists Meeting, Wemme, Oregon - 1979, 1980, 1981, 1983.

Northeast Forestry Economists - 1982-1990; 1998.

Faculty Workshop on ArcView GIS and GPS, University of New Hampshire, Durham, NH, January 4-12, 2003

Rainforest Alliance - Smart Wood Forest Assessor's Certification Training Workshop, Oct. 27-29, 1997, Sunapee, NH.

Northeastern Agricultural and Resource Economics Conference, Mystic, CT. June 21-23, 1993.

Symposium on Minority Participation in Forestry and Related Sciences, Nov. 9-11, 1991, Huntsville, AL.

Domestic Activities (continued)

Forest Resources Management in the 21st Century: Will Forestry Education Meet the Challenge? Symposium, Denver, Colorado, Oct. 30 - Nov. 2, 1991.

G.I.S. Technology on Land and Resource Management. Colorado State University, Ft. Collins. July 31 - Aug. 1, 1989.

Sabbatical Leave, University of New Hampshire's Institute for Policy and Social Science Research. Worked on USDA Forest Service's Northern Forest Lands Study. 1989.

Professional Societies and Organizations

Society of American Foresters', Member 1972 - 2003
National Convention Finance Committee, 1994 - 1995.
Editorial Board, Journal of Forestry, 1993 - 1996
National Committee on Communication, 1990 - 1992
National Working Group Study of Forestry Limited Partnerships, 1986.

New England Society of American Foresters.
Past Chair (Executive Committee), 1990.
Chair, 1989. Chair-elect and Policy Chair. 1988.
Chair, Economics, Law, and Policy Working Group, 1985 - 1987.
Subject Area Coordinator, Managerial and Decision Sciences, 1985 - 1989.
Granite State Division – Society of American Foresters
Executive Committee, 1987.
Chair, 1986. Vice Chair, 1985; Secretary-Treasurer, 1984.
Chairman, Public Affairs Committee, 1984-1986.

The Japanese Forestry Society, Member, 1997 - present.

Forest Industries Committee on Timber Valuation and Taxation
New Hampshire State Committee Member, 1985-1990.

Organizing Symposia:

Scientific Committee, IUFRO International Conference: Patterns and Processes in Forest Landscapes – Consequences of Human Management. Div. 08.01.03. Bari, Italy. September 26-29, 2006.
Symposium Co-Chair; Eastern Hemlock Durham, NH, June 23-25, 1999.
Symposium Co-Chair; Eastern White Pine: Today and Tomorrow. Durham, NH, June 12-14, 1985.

TEACHING

University of New Hampshire

Undergraduate Courses in Natural Resources:

Forest Management, Fall, 2002 - 2006, 4 credits
Decision Science in Natural Resource Management. Spring, 1982 – 2002, 2004, 2006. 4 credits
Forest Industry, Spring, 2006; 4 credits
Forestry Economics, Spring: 1982, 1983. Fall: 1984, 1985, 1988-91. Spring: 1993 -2004. 4 credits.
Forest Resource Assessment, Spring. 1992-95; 2 credits (with J. Barrett); 1997-2002 (with M. Ducey), 2003, 2005
Regional Silviculture and Management. Co-instructor, Winter, 1983, 1984, 1998. 2 credits
Contemporary Conservation Issues. Spring, 1990. 4 credits
Orientation to Forestry. Fall, 1989. 1 credit
Forest Mapping. 1987. 2 credits (with R. Parker and J. Barrett).

Undergraduate Teaching (continued):

International Affairs, Honors and Undergraduate Research:

Honors Thesis, Alexandra Varga, Spring, 2007 (pending)
Honors Thesis, Susan Campbell, Spring, 2002 (with M. Ducey),
Honors Thesis, Catherine Meade Harris, Spring, 2004.

Honors Section, Forest Management, Mary Dellenbaugh, Fall, 2006.
Honors Section, Regional Economics and the Forestry Sector, Brian Smith, Spring, 2000.

International Perspectives. Fall, 1994 (with E. Simos and A. Linden) Fall, 1995, 1996 (with E. Simos and K. Dorsey). 4 credits.

International Affairs Seminar. Spring, 1995 - 1997 (with M. Herold and F. McCann) 4 credits.

International Affairs, Special Topics,

Amy Doran, Peace Studies, Fall, 2003, 4 credits

Rana Chakar, International Studies, Fall, 2005, 4 credits

Taylor Cavanaugh, International Studies, Summer, 2006, 4 credits

9th Annual COLSA Undergraduate Research Conference, Brian Smith (co-advised with Debra Straussfogel, Department of Geography), Spring, 2000

Undergraduate Research Opportunity Program, Victoria Kjoss (supervised cooperatively with Garry Lauten, Complex Systems Research Center). 1994 - 1995.

Food and Fiber in the Third World. Spring, 1986, 1988 – 2005. 4 credits. Regularly scheduled lectures on forestry and development.

Japanese Culture – Regularly guest lecturer on Japanese environmental issues. Fall, 1998-2001. Spring, 2002, 2003, Fall, 2003

BU 563 Policy Topics Forest Resources Administration; Plymouth State College. 3 credits. Guest lectures on forest investment analysis and estate taxation. Spring, 1989.

Graduate Courses:

Graduate Seminar in Human Dimensions of Ecosystem Health, 2001, 1 credit (Distance Learning)

Graduate Seminar in Ecosystem Health, 1999, 1 credit (Distance Learning)

Graduate Seminar in Valuing Non-market Goods and Services, 1992. 1 credit.

Graduate Seminar. Fall, 1986, 1987, 1988, 1989. 1 credit.

Graduate Seminar. Spring, 1987. 1 credit.

Forest Management Seminar. Fall, 1986. 2 credits.

Forest Stand Dynamics. Spring, 1986 (with C.T. Smith), 1988, 1990. (with D. Hodges), 1991, 1992. 2 credits. 1993, 4 credits.

Forestry Economics and Policy. Fall, 1983. 3 credits.

Duke University

Timberland Investment Analysis. 1986, 1988, 1989 (with G. Mason), one week intensive course.

UNIVERSITY AND COMMUNITY SERVICE

University

Affordable Housing Working Group, 2007.

International Research Opportunities Program Advisory Board, 2001-2007.

Export Control Working Group, Awareness Training Officer, 2006 - 2007

Moderator, Undergraduate Research Conference, 2005, 2006, 2007

Advisory Board, Students Without Borders, 2003 - present

University Self-Study for NEASC Accreditation – Undergraduate Experience, 2002-2003.

University Committee on Study Abroad, 2001 – 2007.

University Service (continued):

Program Review Committee, B.S. Engineering Technology, Chair, 1999-2000
University Committee on International Studies, 1989 - 1990; 1994 -1997, 2001 - 2007.
Executive Committee, Natural Resources Ph.D. Program, 1989 - 1997.
Faculty Member, Resource Administration and Management Program, 1989-present.
Academic Vice President's University International Commission, 1990 - 1991.
University Committee on Energy, Conservation and the Environment, 1990 - 1991.
President's Ad Hoc Dormitory Site Review Committee, 1988.
Special Senate Committee on 4-Course-4 Credit System, 1984-85.
Faculty Caucus/Academic Senate. 1985-1987; Economic Welfare Committee. 1985-1987.
Academic Vice President's Committee on College Organization, 1986-1987.

College of Life Sciences and Agriculture

Chair, AES Associate Director Search Committee, 1999.
Selection Committee, Cooperative Extension Forest Resources Specialist, 1996.
Task Force for Strategic Planning, 1994 - 1995.
Research Advisory Committee, 1993.
Reviewer, Forest Technology Program Thompson School of Applied Science, 1993.
Thompson School of Applied Science Forest Technology Advisory Committee, 1989 - 2001.
Promotion and Tenure Committee, 1990 - 1991.

Department of Natural Resources

Committee on the Faculty, 2001 – present
Xi Sigma Pi, Faculty Advisor, 1993 - present.
Ruth Farrington Fund Committee, 1984-1988, Chair, 1986-87, 2004 – present, Chair, 2006-07.
Organizer and Host for Visit of Scientific Delegation from the Czech Republic, 1993.
Search Committees:
 Natural Resources Policy (Chair), 1992.
 Remote Sensing (Chair), 1991.
 Wildlife Ecology, 1989.
 Natural Resources Management (Chair), 1989.
 Forest Management, 1982.
Ph.D. in Natural Resources Committee, 1987 - 1989.
Graduate Admissions Committee, 1985 - 1989, 1991- 1995.
Long Range Planning Committee, 1986 - 1988.
Computer Committee, 1984 - 1988.
Statistics Working Group, 1984 - 1988.

Community Affairs

Advisor to NHTOA/SPNHF Wood Supply Study, 2005
New Hampshire Forest Advisory Board, 1998 – 2002.
New Hampshire Current Use Board, Stumpage Price Analysis, 1999-2002
New Hampshire Legislative Environmental Research Advisory Committee, 1995 – 2001.
New Hampshire Forest Inventory Steering Committee, 1994 - 1995.
Northern Forest Lands Council, Advisor, Sub-Committee on Taxation, 1992 - 1995.
New Hampshire Timberland Owners Association: Long Range Planning Committee, Non-member participant. 1992 - 1993; Board of Directors, 1994 - 2000.
White Mountain National Forest Ad Hoc Advisory Committee, 1991 - 1995.
New Hampshire Division of Forest and Lands, Trends Analysis Committee, 1987 - 1989.
Maine Department of Conservation, STEMS Technical Advisory Committee. 1984 - 1985.
Durham Conservation Commission, 1984 to 1989. Chair, 1987 - 1988.
Oyster River Youth Association Soccer Coach, 1985 - 1991; Referee, 1992 - 1995; Assistant Hockey Coach, 1988 - 1991, 1994 – 1995.
USA Hockey Certified Referee, 1994 - 2002.
Oyster River Elementary School, Odyssey of the Mind Coach, 1991-1992.

Consulting

Forestry economics and finance consulting to Maine and New Hampshire state and local government, major forest products firms and related organizations, forest products companies and trade associations, forestry investment firms, financial institutions, non-profit organizations, institutions of higher education and recreation area developers.

Trustee, Cooper Family Trust, 1998 - present

Manager, Tuxis Island Management, LLC, 2002 – present

Principal and chief financial officer of natural resources consulting firm, 1987 - 2004

PERSONAL DATA

Birth: June 18, 1950; Damariscotta, Maine

Married, 8/16/75 to Lynne Cooper Three children: Scott, 5/5/81. Christine, 8/22/84. Alissa, 6/22/87.

6/6/2007