

MARK W. ANDERSON

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Employment History

June 1974 to June 1978: Research Associate, The Futures Group, a research and consulting firm in Glastonbury, Connecticut.

1978 to Present: The University of Maine.

August 1978 to May 1980: Graduate Research Assistant, Department of Agricultural and Resource Economics.

May 1980 to January 1982: Research Associate, Department of Agricultural and Resource Economics.

February 1982 to June 1983: Assistant Administrative Officer, Maine Agricultural Experiment Station and College of Life Sciences and Agriculture.

May 1982 to August 1997: Cooperating Assistant Scientist and Instructor, Department of Resource Economics and Policy.

July 1983 to August 1997: Assistant Director, Maine Agricultural & Forest Experiment Station and Administrative Officer, College of Natural Sciences, Forestry, and Agriculture. Promoted to Associate Director for Administration, July 1989.

September 1988 to August 1997: Coordinator, Natural Resources Program.

September 1997 to June 1998: Interim Chief Financial Officer: Responsible for financial management of the University of Maine within the framework established by the University of Maine System. Served as member of President's Cabinet and Executive Council. Reporting units included: Budget and Business Services; Bursar; Human Resources; Purchasing; Environmental Health and Safety; Employee Assistance.

June 1998 to June 1999: Interim Vice President for Student Affairs. Served as member of President's Cabinet and Executive Council. Reporting units included: Center for Students and Community Life; Residential Life; Dining Services; Student Health Services; Counseling Center; Public Safety; Student Employment; and Career Center.

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July 1999 to 2001: Coordinator of Natural Resources Program; Instructor in Resource Economics and Policy; and Assistant Director for Policy, Maine Agricultural and Forest Experiment Station.

September 2001 to January 2003: Interim Chief Financial Officer.

January 2003 to present: Senior Instructor, Resource Economics and Policy (School of Economics from July 2007) and Coordinator, B.S. program in Ecology and Environmental Sciences.

Major Committee Assignments at the University of Maine

- College and Experiment Station Executive Committee--1982 to 1997.
- Secretary to MAFES Research Council--1985 to 1996.
- Dow/Griffiee Graduate Research Awards Selection Committee--1984 to 1997.
- Search Committee for Assistant Vice President for Cooperative Extension--1987.
- Presidential Commission on the Land Grant/Sea Grant University of the Future--1987-1988.
- Student Conduct Code Committee--1987 to 1992. Committee Chair--1990 to 1992.
- Sponsored Programs Division Advisory Committee-- 1988 to 1992.
- Coordinator, exchange program with University of Sunderland, England--1990 to 1997.
- Chair, Holmes/Rogers Hall Building Renovations Project Committee--1990-91.
- Planning Committee for Inauguration of University of Maine President Frederick Hutchinson.
- Barrier Free Access Committee--1992-1996, and 1999 to 2003.
- Search Committee for Vice President for Research and Public Service--1993.
- NCAA Certification Self-Study Committee. Chair of Fiscal Integrity subcommittee--1994-97.
- University of Maine System Collective Bargaining negotiating team for bargaining with UM Professional Staff Association (UMPSA)--1994-1996.
- Chair, Aroostook Farm Potato Research Laboratory Building Committee--1994-1996.
- Chair, Chief Financial Officer Search Committee--1996.
- Chair, Task Force on Research--1995-1996.
- Professional Employees Advisory Council--1996 to 1997.
- President's Council on Women--1997 to 1999.
- Chair, Residence Hall Construction Planning Committee--1998-1999.
- Chair, Campus Alcohol Initiative--1999.
- Search Committee for Provost and Vice President for Academic Affairs--1999.
- Chair, Campus Marketing Committee--1998 to 1999.
- Chair, Hitchner Hall Science Building Committee--1999 to 2003.
- Search Committee, Director of Human Resources--2000.
- Chair, Campus Planning Committee--2000 to 2002.
- Elected member, Faculty Senate--2000 to 2001.

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- NCAA Certification Interim Report Committee--2000.
- Search Committee, Senior Associate Director of Athletics--2001.
- Chair, Auxiliary Enterprise review committee for University Bookstore--2002.
- Chair, Bookstore Director Search Committee -- 2002
- Chair, Search Committee, Vice President for Administration--2002.
- International Affairs Program Steering Committee – 2003 to present.
- Search Committee, Director of Purchasing – 2004.
- Search Committee, Associate Provost for Undergraduate Education -- 2005.
- Center for Teaching Excellence Steering Committee -- 2005 to present.
- Search Committee, Dean, Natural Sciences, Forestry, and Agriculture -- 2005 to 2006.
- R.E.P. (School of Economics from March 2007) Policy Advisory Committee -- 2006 to present.
- Chair, Search Committee, Assistant Vice President for Human Resources -- 2006.

Education

Brewer High School, Brewer, Maine. Diploma--June 1970.

Bowdoin College, Brunswick, Maine. A.B. *Magna Cum Laude* with Honors in Government and Legal Studies--June 1974.

Durham University, Durham, England. Junior year through the Institute of European Studies--1972-1973.

University of Maine, Orono, Maine. M.S. in Agricultural and Resource Economics--1980. George F. Dow Award for graduate student research. Thesis entitled, "Socioeconomic Factors Affecting Rural Land Use Regulation in Maine."

Teaching Experience

1982 to 1997 and 1999 to present: Department of Resource Economics and Policy, University of Maine. Taught the following courses:

- Principles of Economics.
- Economics of Environmental Quality.
- Land Use Planning.
- Introduction to Natural Resource Economics and Policy.
- Resource Economics.
- Topics in Natural Resources--The Human Use of Nature.
- Introduction to Natural Resources.
- Senior Paper in Natural Resources.
- Environmental Protection Law and Policy
- Critical Issues in Natural Resource Policy (Capstone in EES program)

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- Modern Economic Problems
- Environmental Assessment and Management Techniques
- Human Population and the Global Environment
- Honors College Tutorial: Globalization and the Environment
- Honors College Tutorial: Wilderness and the Frontier

1981: Instructor in Economics, Bangor C. C. Taught Principles of Economics.

1989: Instructor in Economics, University of Maine. Taught Principles of Microeconomics.

Residents on Campus (ROC) Outstanding Service to Students Award -- 1999.

Center for Teaching Excellence -- Assessment Book Prize -- 2006.

Publications

Book:

Theodore J. Gordon, Herbert Gerjuoy, and Mark W. Anderson, Life Extending Technologies: A Technology Assessment (New York: Pergamon Press, 1980).

Peer-Reviewed Articles:

Mark W. Anderson, "The Institutionalization of Futures Research in U.S. Congress," Technological Forecasting and Social Change, Volume II (1978), pp. 287-296.

Mark W. Anderson, "Regulatory Policy Toward Domestic Crude Oil Production," Policy Sciences, Volume XII, Number 3 (1980), pp. 245-265.

Mark W. Anderson and Johannes Delphendahl, "Competing Explanations of Formal Land Use Control: Additional Evidence," Journal of Environmental Management, Volume 14, Number 3 (1982), pp. 209-218.

Stephen D. Reiling, Mark W. Anderson, and Kenneth C. Gibbs, "Measuring the Costs of Publicly-Supplied Outdoor Recreation Facilities: A Methodological Note," Journal of Leisure Research, Volume 15, Number 3 (1983), pp. 203-218.

Mark W. Anderson, Stephen D. Reiling, and George C. Criner, "Consumer Demand Theory and Wildlife Agency Revenue Structure," Wildlife Society Bulletin, Volume 13, Winter (1985), pp. 375-384.

Stephen D. Reiling and Mark W. Anderson, "Equity and Efficiency in the Public Provision of Forest-Based Recreation Facilities," Journal of Environmental Management, Volume 20, Number 2 (1985), pp. 149-161.

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Mark W. Anderson, "Models of Land Use Regulation Adoption," Land Use Policy, Volume 3, Number 1 (1986), pp. 37-45.

Mark W. Anderson, "Images of Nineteenth Century Maine Farming in the Prose and Poetry of R.P.T. Coffin and C.A. Stephens," Agricultural History, Volume 63, Number 2 (1989), pp. 120-129. Reprinted in Twentieth Century Literary Criticism, Vol. 95 (2000).

Stephen D. Reiling, Kevin J. Boyle, Marcia L. Phillips, and Mark W. Anderson, "Temporal Reliability of Contingent Values," Land Economics, Volume 66, Number 2 (1990), pp. 128-134.

Mark W. Anderson, "Should Improving Student Thinking Include Altering Student Values? The Role of General Education," In Assessment Matters section of About Campus, Vol. 12. No. 2 (July/August 2007) pp. 23-25.

Mark W. Anderson, Mario Teisl, George Criner, Sharon Tisher, Stewart Smith, Malcolm Hunter, Stephen A. Norton, Jody Jellison, Andrei Alyokhin, Eric Gallandt, Sandra Haggard, and Elizabeth Bicknell, "Attitude Change of Undergraduate Students in General Education Courses," Journal of General Education, Volume 56, Number 2 (2007), pp.149-168.

Other Articles and Book Chapters:

Wayne I Boucher and Mark W. Anderson, "The Effect of EPA Administrative Practice on U.S. Industrial Innovation," in Donald E. Cunningham, John R. Craig, and Theodore W. Schlie (eds.), Technological Innovation: The Experimental R&D Incentives Program (Boulder, Colorado: Westview Press, 1977), pp. 399-424.

Mark W. Anderson, "Time: How Do Futurists Perceive It," World Future Society Bulletin, Volume XI, Number 3 (1977), pp. 15-21.

Mark W. Anderson, "Toward a Sharper Definition of the 'Baby Boom'," World Future Society Bulletin, Volume XII, Number 4 (1978), pp. 17-22.

Mark W. Anderson, Stephen D. Reiling, and Alan S. Kezis, "The Maine Hunter," Maine Fish and Wildlife, Fall (1981), pp. 6-9

Mark W. Anderson, "Opportunities for Students: Maine Agricultural Experiment Station Research Programs," Explorations, Volume III, Number 3 (Summer 1987), pp. 33-35.

Mark W. Anderson, "A Yank at Oxford," Bowdoin Magazine, Volume 61, Number 3 (Spring 1988), pp. 8-11.

Mark W. Anderson, "Biotechnology, Alternative Agriculture, and Public Agricultural Research in Maine," Research for Maine and Its People, Volume 1, Number 4 (May 1988).

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Mark W. Anderson, "Biotechnology and Alternative Agriculture: Conflict or Cooperation," Maine Organic Farmer and Gardener, Volume 15, Number 6 (1988), pp. 11-12.

Mark W. Anderson, "Two Pigs from Maine: Reflections on Regional Literature," The Maine Scholar, Volume 10 (1997), pp 203-215.

Mark W. Anderson. "Review of *New Tools for Environmental Protection: Education, Information, and Voluntary Measures*," Environmental Conservation, Volume 30, Number 4 (2003), p. 410.

Reports of the Maine Agricultural Experiment Station, University of Maine, Orono, Maine:

Homer B. Metzger and Mark W. Anderson, Costs and Efficiencies in Fluid Milk Processing and Distribution in Maine--1979, Misc. Report #234 (1980).

Stephen D. Reiling and Mark W. Anderson, Relevance of Option Value to Benefit Cost Analysis, Technical Bulletin #101 (1981).

Homer B. Metzger and Mark W. Anderson, Costs of Handling Milk in Retail Food Stores in Maine--1980, Misc. Report #247 (1981).

Stephen D. Reiling and Mark W. Anderson, Estimation of the Cost of Providing Publicly-Supplied Outdoor Recreation Facilities in Maine, Bulletin #793 (1983).

Alan S. Kezis, Mark W. Anderson, and Neil Buitenhuys, A Theoretical Assembly, Processing, and Distribution System for the Maine Dairy Industry, Misc. Report #282 (1983).

George K. Criner, Alan S. Kezis, and Mark W. Anderson, Allocating Costs the Three Quart Milk Container, Misc. Report #291 (1983).

Mark W. Anderson, ed., Alternative Approaches to Economic Development in Maine: A Theoretical Inquiry, Misc. Publication #685 (1986).

Stephen D. Reiling, Kevin J. Boyle, Marcia L. Phillips, Vicki A. Trefts, and Mark W. Anderson, The Economic Benefits of Late-Season Black Fly Control, Bulletin # 822 (1988).

George K. Criner, Mark W. Anderson, and Steven L. Jacobs, Estimated 1988 Theoretical Processing and Distribution Costs for the Maine Dairy Industry, Misc. Report #332 (1989).

Stewart Smith, Matthew Kotchen, and Mark W. Anderson, Technology Choices: Finding Strategies for a Sustainable Maine, Misc. Pub. #734 (1997).

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Reports of the Department of Resource Economics and Policy, University of Maine, Orono, Maine:

Mark W. Anderson, Patterns of Consumer Procurement of Fresh Produce in the Greater Bangor Area, ARE-317 (1979).

Mark W. Anderson, Regulation of the Maine Milk Industry Part I: The Nature of the Milk Market, ARE-345 (Reprinted as "Free Enterprise for Milk?" New England Farmer, Vol. 5, No. 10 (November 1981).

Mark W. Anderson, Regulation of the Maine Milk Industry Part II: The Agri-Mark/Agway Venture, ARE-347 (Reprinted as "Agrimark/Hood System," New England Farmer, Vol. 5, No. 11.

Homer B. Metzger and Mark W. Anderson, Regulation of the Maine Milk Industry Part V: Winners and Losers Under Milk Price Regulation, ARE-356.

Mark W. Anderson and Roger Hutchison, Impact of Wholesale and Retail Price Deregulation on Maine Dairy Producers and Alternative Producer Pricing Arrangements, ARE-364.

Stephen D. Reiling and Mark W. Anderson, The Economic Impact of the 1982 Maine Moose Hunt, ARE-360.

Stephen D. Reiling and Mark W. Anderson, Measuring the Economic Impact of Recreation and Tourism, ARE-375.

Mark W. Anderson, An Updated Estimate of Theoretical Processing and Distribution Costs of the Maine Dairy Industry, ARE-379.

Kevin J. Boyle and Mark W. Anderson. 2005. GK -12 Sensors! Project Assessment Report – 2003-2004. Final report issued in support of National Science Foundation Grant #0139323.

Kevin J. Boyle and Mark W. Anderson. 2004. Program Evaluation Report -- Research Experience for Teachers Site Sensors!. Final report issued in support of National Science Foundation Grant.

Mark W. Anderson. 2005. An Application of Learning Outcomes Assessment in a Higher Education Course Addressing General Education Curricular Requirements. REP-550.

Mark W. Anderson, Kevin J. Boyle, Kathleen P. Bell, and John Holden. 2005. Procedures for Evaluating the Potential Regional Economic Impacts of Conservation Lands in the 100-Mile Wilderness Region. Final Report to the Maine Department of Conservation. (Staff Report No. 001 of the Center for Tourism, Research, and Outreach).

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Mark W. Anderson. 2006. Issues to be Considered in Estimating the Effects on Primitive Recreation of the Plum Creek Concept Plan for the Moosehead Region. Report to Maine Land Use Regulation Commission.

Presentations and Testimony:

Mark W. Anderson and Johannes Delphendahl, "The Adoption of Formal Land Use Regulation: The Maine Experience," Presented at the Eighth New England Business and Economics Conference, Hyannis, Massachusetts, 1980.

Mark W. Anderson, "Effects of Decontrolling Milk Marketing in Vermont," Testimony before Vermont Milk Control Board, 1982.

Mark W. Anderson, "Proposed Differential Pricing for Whole, Skim, And Low Fat Milk Processed and Sold by Maine Dairies," Testimony before Maine Milk Commission, 1982.

Stephen D. Reiling, Stephen P. Skinner, and Mark W. Anderson, "The Cost of Publicly Provided Outdoor Recreation: Who Should Pay?" Presented at Northeast Agricultural Council, 1983.

Stephen D. Reiling and Mark W. Anderson, "Class I Air Quality Designation: Analysis of Effects on Social and Economic Aspects of Recreation in Allagash Wilderness Waterway, Baxter Park, and Bigelow Preserve," Prepared for Great Northern Paper Company, 1983.

Fred C. Webster, Jack J. Kirkland, David E. Hahn, and Mark W. Anderson, Milk Pricing Alternatives for Maine (Augusta, Maine: Maine Department of Agriculture, Food, and Rural Resources, 1985).

Stephen D. Reiling, Mark W. Anderson, and Stephen E. Oltmans, "Recreation User Fees and Equity: Is There a Tradeoff?" Presented at Symposium on Social Science and Resource Management, Corvallis, Oregon, 1986.

Stephen D. Reiling and Mark W. Anderson, "An Analysis of Private Prices as a Guideline for Public Sector Pricing of Camping Opportunities," Report prepared for U.S.D.A. Forest Service, Intermountain Forest Experiment Station, Fort Collins, CO, 1987.

Mark W. Anderson, "Farmland Preservation: Some Myths and Heresies," Presentation to Penobscot Valley Council of Governments Annual Meeting, May 1989.

Mark W. Anderson, "Rachel Carson: The Public Policy Legacy," presented at Maine Humanities Council seminar, Sense of Wonder: Rachel Carson's Vision of the Natural World, Colby College, Waterville, Maine, July 27, 1999.

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Mark W. Anderson, “Outcomes Assessment in a Course Designed to Meet General Education Goals in the Area of Population and the Environment,” at 2004 National Summer Conference Integrating Science and Mathematics Education Research into Teaching, The University of Maine, June 22, 2004.

Mark W. Anderson, Mario Teisl, Caroline Noblet, and Geroge Criner. “Using the New Ecological Paradigm (NEP) to Assess Attitudinal Change in Higher Education Courses on the Environment” at the 13th International Interdisciplinary Conference on the Environment, Portland, Maine, July 2007.

Reports Issued by The Futures Group, 76 Eastern Boulevard, Glastonbury, Connecticut.

Mark W. Anderson (ed.), A Compendium of Statements of Past and Future Changes, #200-76-02, Prepared for the Congressional Research Service, Library of Congress, 1976.

Wayne I. Boucher, Mark W. Anderson, et al., The Impact of EPA Administrative Practices on Innovation Process in U.S. Companies: A Case Study of Regulatory Barriers to Innovation, #198-53-03, Prepared for the National Science Foundation, 1976.

Wayne I. Boucher, Sarah Becket, Mark W. Anderson, et al., A Bibliography of Technology Assessment, #180-52-02, Prepared for the Denver Research Institute, 1976.

Theodore J. Gordon, Herbert Gerjuoy, and Mark W. Anderson, A Technology Assessment of Life-Extending Technologies, #272-46-18, Prepared for the National Science Foundation, 1976.

Theodore J. Gordon, Michael Oppenheimer, and Mark W. Anderson, Methods of Stimulating Innovation, #234-17-08, 1976.

Dana Bramlette, Mark W. Anderson, et al., Human Consumption of Edible Fats and Oils--Future Issues, #276-36-06, 1976.

David Bronheim, Mark W. Anderson, et al., Environmental Forces for Change, #284-96-01, 1977.

Michael Oppenheimer, Hedvah Schuchman, Mark W. Anderson, et al., A Design for the President's Annual Science Report and Five Year Outlook, #285-95-02, Prepared for the President's Office of Science and Technology Policy, 1977.

Mark W. Anderson and Theodore J. Gordon, New Ventures for (A Major American Consumer Products Firm), #304-85-08, 1977.

Mark W. Anderson, Older Americans: A Brief Demographic Review, #317-50-03, Prepared for the Dreyfus Corporation, 1977.

Mark W. Anderson, Environmental Monitoring and Future Awareness in the Corporate Setting,

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#320-99-02, Prepared for an American chemicals company.

Mark W. Anderson, et al., Corporate Strategies of Automotive Manufacturers: A Scenario of the Automotive Industry 1978--1985, #395-107-02, Prepared for the National Highway Traffic Safety Administration, 1977.

Newspaper Contributions

January 1987 to March 1990: Contributing columnist to Bangor Daily News, "As Maine Grows" weekly column on agriculture, over fifty contributions.

Research Contracts and Consulting Projects

1979: Maine Land Use Regulation Commission. Developed a model zoning ordinance for use by LURC-regulated communities wishing to exercise local land use control.

1981: Maine Department of Agriculture, Food, and Rural Resources. Provided research, analysis, and support services to Maine Peat Task Force.

1981: Abt Associates (with Stephen Reiling). Analyzed the recreation costs and benefits associated with constructing a hydroelectric dam on the West Branch of the Penobscot River.

1981: Kleinschmidt and Dutting Engineers (with Stephen Reiling). Analyzed the investment attractiveness of potential hydroelectric dams on East Branch of the Penobscot River.

1982: Champlain Valley Milk Producers. Analyzed effects of decontrolling milk marketing in Vermont.

1982: Maine Milk Commission. Analyzed proposed differential pricing of fluid dairy products of various butterfat contents; analyzed potential impacts of retail and wholesale price deregulation.

1983: Maine Department of Inland Fisheries and Wildlife (with Stephen Reiling). Estimated the economic impact of the 1982 Maine moose hunting season.

1983: Maine Milk Commission. Provided analysis and testimony on theoretically lowest achievable costs of processing and delivering milk in Maine.

1983: Great Northern Paper Co. (with Stephen Reiling). Analyzed recreational impacts of reclassifying air quality regions in northern and western Maine.

1985: Maine Department of Agriculture, Food, and Rural Resources. Member of Maine Milk Study Panel--evaluated milk price regulatory alternatives for Maine.

1986: Maine Department of Agriculture, Food, and Rural Resources. Commodity contract arbiter

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under Maine Agricultural Marketing and Bargaining Act.

1986: Maine Milk Commission. Updated dairy processing cost estimates and provided testimony for rulemaking.

1987: Rocky Mountain Forest and Range Experiment Station (with Stephen Reiling). Price Structures for Selected Outdoor Recreation Opportunities Provided by Private Operators.

1988: Maine Milk Commission (with George Criner). Updated dairy processing cost estimate and provided testimony for rulemaking.

2004-2005: Maine Department of Conservation (with Kevin J. Boyle and Kathleen P. Bell). Assessing the Regional Economic Impact of Protected Lands Adjacent to the 100 Mile Wilderness Section of the Appalachian Trail.

2006: Maine Land Use Regulation Commission. Estimating the Effects on Primitive Recreation of the Plum Creek Concept Plan for the Moosehead Region.