

David Jeremiah Vail

Contact information

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Status

Adams-Catlin Professor of Economics *emeritus* and former Director of Environmental Studies, Bowdoin College

Education

PHD, Yale University: Economics, 1971.

Thesis: *The Public Sector as Stimulus of Innovation in African Smallholder Agriculture* (A case study in Teso, Uganda).

AB, Princeton University, Woodrow Wilson School: Certificate in International Affairs. 1965
Magna cum laude, Omicron Delta Epsilon (National Honor Society in Economics).

Current Research Themes

Economic resilience and sustainable rural development
Maine's climate and energy strategy
Impact of a Federal carbon fee-and-dividend on state and local governments

Current Board and Advisory Positions

Citizens' Climate Lobby, Economics Policy Network
Solar Energy Association of Maine, Board of Directors
CEI - Coastal Enterprises Incorporated (a CFDI), Policy Committee
Chewonki Foundation, Board of Advisors (Finance Committee)
Brunswick-Topsham Land Trust, Advisory Council

Recent Consulting Positions

Northern Forest Center & Arctaris Impact Investors – *Economic Impact of Revitalizing and Reopening Saddleback Ski Resort* (2019-20)
Appalachian Mountain Club – *Maine Woods Initiative* (2014-20)
Maine Woods Consortium – *Maine Woods Discovery* (2013-16)
New England Forestry Foundation – *New England Forests: The Path to Sustainability* (2014)

Books and Monographs

AMC'S MAINE WOODS INITIATIVE A Fifteen-Year Retrospective | 2003–2018. 2021. Editor and principal author.
Appalachian Mountain Club, Charlestown., MA.

Feasibility of Perennial Grass as a Biomass Feedstock in Aroostook County, Maine. 2015. Johnston, Jason, C. Wang, A Plant, D. Vail. University of Maine Presque Isle

Amenity Investments and Tourism Destination Development. 2010. Maine Center for Economic Policy, Augusta
Health Care and Tourism: A Lead Sector Strategy for Rural Maine. 2007. Principal author and co-editor with Lisa Pohlmann, Maine Center for Economic Policy, Augusta.

Spreading Prosperity to the "Other Maines." 2005. Co-editor with Lisa Pohlmann. Maine Center for Economic Policy. Augusta.

Tourism and Livable Wages in Maine? 2000. Principal author, with Wade Kavanaugh. Maine Center for Economic Policy.

Tourism and Maine's Future: Toward Economic, Environmental and Community Sustainability. 1998. Principal author, with Mark Lapping, Wilfred Richard and Michael Cote, Maine Center for Economic Policy.

- Taking the High Road: Human Resources and Sustainable Rural Development*. 1997. With Michael Hillard, Maine Center for Economic Policy.
- The Greening of Agricultural Policy in Advanced Industrial Societies: Swedish Reforms in a Comparative Perspective*. 1994. Principal author, with Lars Drake and Knut Per Hasund, Cornell University Press.
- Maine's Forest Economy: Crisis or Opportunity?* (2 volumes). 1988. With Ellen Baum and Jonathan Falk. The Mainewatch Institute, Hallowell.
- Sunrise Agriculture in the Northeast* (conference proceedings). 1986. Editor. University of Maine Agriculture Experiment Station, Orono.
- The Family Farm in the Web of Community*. 1985. With Richard Wescott, Richard Parker and Mark Silber; Maine Humanities Council. Maine State Printer, Augusta.
- Technology for Ujamaa Village Development in Tanzania*. 1975. Syracuse University, Maxwell School, Eastern African Studies, XVIII.
- A History of Agricultural Innovation and Development in Teso, Uganda*. 1972. Syracuse University, Maxwell School, Eastern African Studies, V.

Refereed Articles and Book Chapters

- Prospects for a Rim County Renaissance: Pandemic as Economic Opportunity. 2021. David Vail. *Maine Policy Review* 30.2:104 -110, <https://digitalcommons.library.umaine.edu/mpr/vol30/iss2/15>.
- Regional Economic Contributions: Supporting a Distressed Maine Woods Economy. 2020. in AMC'S MAINE WOODS INITIATIVE A Fifteen-Year Retrospective | 2003–2018. Pp 4-19.
- Reshaping Maine Woods Destinations for Twenty-First Century Tourists. 2019. David Vail, Moreland D., Wilson M. *Maine Policy Review*. 28:1, pp 28-37.
- High-Precision Land-Cover-Land-Use GIS Mapping and Land Availability and Suitability Analysis for Grass Biomass Production in the Aroostook River Valley, Maine, USA. 2015. Chunzeng Wang, Johnston, J, Vail D., Dickinson, J, Putnam, D. *Land*. 4, 231-254; doi:10.3390/land4010231
- Consumer Support for a Maine Woods Tourism Quality Label. 2012. David Vail and H. Daniel, *Maine Policy Review*.21:2 67-80.
- Collaborating to Revitalize Northern Forest Tourism. 2012. *Communities and Banking* (Federal Reserve Bank of Boston). David Vail, K. Bisson, M. Wilson and K. Williams. Winter: 26-28.
- Prospects for a Rural Population Rebound: Can Quality of Place Lure In-migrants? 2010. *Maine Policy Review*. 19:1, Winter/Spring. 16-25.
- Tourism Strategy for Maine's North Woods: Creating and Branding a World-Class Destination." 2007. *Maine Policy Review*. 16:2 pp 104 – 116.
- Revitalizing Maine's Rural Economy: A Lead Sector Strategy. 2007. in Vail and Pohlmann, eds. *Health Care and Tourism: A Lead Sector Strategy for Rural Maine*.(3-16)
- World-Class Tourism: A Big Push Strategy. 2007. in Vail and Pohlmann, eds. (78-114)
- Thinking Hard About the 'Other Maines'. 2005. in Vail and Pohlmann, eds. *Spreading Prosperity to the Other Maines*, Maine Center for Economic Policy.
- Can Maine's Rim Counties Become a World Class Tourism Destination?" 2005. in Vail and Pohlmann, eds. *Spreading Prosperity to the Other Maines*.
- An Ecotourism Quality Label for Maine? Insights from Sweden's *Nature's Best*." 2004. *Maine Policy Review*. 13:2 pp 76-87.
- Tourism in Maine's Expanding Service Economy. 2004. R. Barringer, ed., *Maine Choices 1960 - 2010*. Tilbury House. Gardiner, ME, pp 429-449.

- Governing Snowmobilers in Multiple-Use Landscapes: Swedish and Maine (USA) Cases. 2004 David Vail and T. Heldt. *Ecological Economics*.48: 469-483
- Snowmobiling in Maine: Past Successes, Future Challenges. 2002. *Maine Policy Review*, 11:2 pp. 130 – 140.
- Institutional Factors Affecting the Scale and Structure of Tourism in Dalarna (Sweden) and Maine (USA), 2000. David Vail & T. Heldt *Current Issues in Tourism*. 3:4 (283-324)
- Property Rights and Sustainable Nature Tourism: Institutional Adaptation and Maladaptation in Dalarna (Sweden) and Maine (USA). 2000. David Vail and L. Hultkrantz. *Ecological Economics*, 35 (223-242).
- The Living Countryside: Maintaining Sweden's Agrarian Landscape. 1996. in W. Lockeretz, ed. (*Environmental Enhancement Through Agriculture*), Boston, Tufts University, 275-283.
- Rural Development Strategy: 1990s Context and Constraints. 1996. David Vail & M. Hillard. *Maine Policy Review*, 5:2 (61-70).
- All Sweden Shall Live: Reinventing Community for Sustainable Rural Development. 1996. *Agriculture and Human Values*, XIII:1 (69-77).
- Sweden's 1990 Food Policy Reform: From Democratic Corporatism to Neo-Liberalism. 1994. in P. McMichael, ed., *The Global Restructuring of the Agro-Food System*. Cornell University Press.
- Organizational Innovation and Sustainable Rural Development. 1994. in David Pearce and Sylvie Faucheux, eds. *Models of Sustainable Development*, Paris, Université Panthéon-Sorbonne. pp. 1133-1146.
- The Past and Future of Swedish Social Democracy: Reply to Kenneth Hermele. 1993. *Monthly Review*, 45:5 24 – 31.
- Toward Sustainable Human Resource Development for Maine. 1993. with Michael Hillard in Richard Barringer, ed. *Toward a Sustainable Maine*. Edmund Muskie Institute, University of Southern Maine.
- The Internal Conflict: Contract Logging, Chainsaws and Clearcuts in Maine. 1993. in Tariq Banuri and F. Appfel Marglin, eds. *Who Will Save the Forests? Political Resistance, Systems of Knowledge and the Environmental Crisis*, Zed Press.
- Sustainable Agriculture in the Web of Sustainable Communities. 1993. Elizabet Nilsson and Lennart Salomonsson, eds. *Agroecosystems and Ecological Settlements*, Swedish University of Agricultural Sciences.
- Devolution of the Negotiated Economy? Sweden's 1990 Food Policy Reform. 1992. in Sven-Erik Sjöstrand, ed. *Institutional Evolution and Change: Theory and Empirical Findings*, M. E. Sharpe.
- The Breakdown of Sweden's Corporatist Agricultural Policy Regime. 1991. *Review of Radical Political Economy*, 22:4 (168-176).
- Economic and Ecological Crises: Forces for Transformation of Swedish Agricultural Policy. 1991. in Lawrence Busch, Frederick Buttel and William Friedland, eds. *The New Political Economy of Agriculture*, Westview Press.
- How to Tell the Forest from the Trees? Recent Technological Innovations in the Forest Industries of Sweden and Maine. 1989 *Technology in Society*, 11: 4 347-376.
- The Evolution of Maine Agriculture, 1940-1985. 1988. with Richard Wescott, *Maine Historical Society Quarterly* Fall pp. 66-84. (Awarded the J. B. Phinney Prize for best article in Volume 28).
- Suburbanization of the Countryside and Revitalization of Small Farms. 1987. in W. Lockeretz, ed., *Sustaining Agriculture Near Cities*, Soil Conservation Society of America.
- The Farm Crisis as a Time to Choose: Necessity and Opportunity, 1987. in Vail, ed. *Sunrise Agriculture in the Northeast*.
- Crisis in Sweden's Farmland Preservation Strategy, 1986. *Agriculture and Human Values*. 3:4, 24-30.
- "Accountability to the Public Purpose in State Promotion of Economic Development," with Joseph Medley and David Vachon, in *Alternative Approaches to Economic Development in Maine*, Mark Anderson, ed., University of Maine (1986).
- "Revitalizing Rural Communities or Reviving Agrarian Myths?" *Journal of Economic Issues*, XIX:4 (1985).
- "Bedroom Villagers and Part Time Farmers: Strange Bedfellows," *The Rural Sociologist*, 5:5 (1985).
- "The Image and the Reality of Small Organic Farms: Evidence from Maine." 1983 with Michael Rozyne, in Dietrich Knorr and Tom Watkins, eds., *Alterations in Food Production*, Van Nostrand Reinhold.

- "Family Farms in the Web of Community: Exploring the Political-Economic Connections," *Antipode* 14:3 (1982).
- "Contradictions in Organic Soil Management Practices," with Michael Rozyne, in Stuart B. Hill, ed. *Basic Techniques in Ecological Agriculture*, Birkhauser Verlag, Basel, (1982).
- "Women and Small Farm Revival: The Division of Labor and Decision making Authority on Maine's Organic Farms," *Review of Radical Political Economy*, 13:4, (Winter 1981). (Also published in *Resources for Feminist Research*, special issue on "Women and Agricultural Production," II:1, (1982).
- "Notes on a Method for Estimating the Economic Impact of Rural Communities upon Local Farms," *Cornell Journal of Social Relations*, 15(1) (1981):140-144.
- "Uneven Regional Development," with Matthew Edel, Kenny Fox and Ann Markusen, *Review of Radical Political Economy*, 10:3, (1978).
- "Induced Farm Innovation and Derived Agro-Scientific Research Strategy," *Eastern Africa Journal of Rural Development*, 6:1, (1973).
- "Uhuru na Ndugu Zangu," with Christian Potholm, *Cultures et Development*, XXIV (1972).

Government Reports and Studies

- Sustaining Nature-based Tourism in 'Vacationland'. 2003. Maine State Planning Office. Commissioned White Paper for the Blaine House Conference on Resource-based Industries, November.
- Report of the Speaker's Tax Reform Advisory Commission*. 2002. participating editor. Maine House of Representatives, Augusta.
- The Economic Impact of Maine's Minimum Wage Law*. 1984. Principal author, with Frederick Gautschi and Russell Libby. Commissioned by the Maine State Senate.
- Report of the Maine Food and Farmland Commission*. 1979. Co-author. Commissioned by the Maine Governor and Legislature (1979).
- Sorghum Production and Research in East Africa*. 1973. For the East African Community, Research Secretariat (February, 1973).
- Review of Economic Integration Activities Within the East African Community*. 1973. with F. Muwonge, M. Siegel and J. Scott, E.A.C. Common Market Secretariat.
- Uganda's Plan III: Third Five Year Development Plan, 1971-75*. 1971. Principal author of Chapter 10, "Rural Production." Uganda Ministry of Planning (1971).

National Public Radio Feature Stories

- Public Recreation on Private Land in Sweden and Maine. Sveriges Radio, *Vetandets Värld* (World of Science) series. Ann Martin, Producer, May 1999.
- Tourism and Maine's Future. National Public Radio, *Living on Earth* series, Andrea DeLeon, Producer, September 1998.
- The Greening of Swedish and European Agricultural Policy, Sveriges Radio, *Lantbruket* series, Leif Bjöklund, Producer, May 1994.

Popular Periodicals and Newspapers

- Is Maine doing enough to prevent and limit wildfires? 2024. *Portland Press Herald*. 26 March
- The health of Maine's forests is improving, but threats remain. 2022. With Jym St. Pierre. *Bangor Daily News*. 3 October.
- Maine needs to "go big" to meet climate goals. 2022. *Portland Press Herald*. 22 March.
- Economists support Pine Tree Power referendum. 2021. Silkman, Richard, David Vail and Dick Woodbury. *Maine Sunday Telegram*. 12 December.
- There is hope for a rural Maine renaissance. 2021. *Bangor Daily News*. 8 June.
- Three-part recipe for a high-performance Maine power grid. 2021. *Portland Press Herald*. 5 March
- Getting back to Paris: America's Climate Challenge. 2020. *Brunswick Times Record*. 4 December.
- New plan to kill CMP corridor will have unintended consequences. 2020. With Barbara Vickery. *Portland Press Herald*. 5 November.
- Two stories of tourism resilience in Covid times from the Maine woods. 2020. *Bangor Daily News*.

15 October.

- Responding to the global climate crisis: America must lead. 2020. *Brunswick Times Record*. 15 Sept.
- My medical heroes in the age of coronavirus. 2020. *Brunswick Times Record*. 21 May.
- A staycation may be just what you and Maine tourism need during this pandemic. 2020. *Bangor Daily News*. 13 May.
- Strengthening Maine Woods Tourism Resilience. 2019. *Bangor Daily News*. 11 April.
- Challenges to Maine tourism resilience. 2019. *Bangor Daily News*. 1 February.
- Contesting China’s industry subsidies: A flawed US strategy. 2019. *Brunswick Times Record*. 23 May.
- Getting more visitors into the Maine woods can reduce ‘overtourism’ on the coast. 2018. *Bangor Daily News*. 19 September.
- Re-tooling Maine’s displaced workers. With John Dorrer. 2018. *Maine Sunday Telegram*. 1 July.
- America is on the brink of the next economic crisis thanks to Republican policies, with Michael Jones. 2018. *Bangor Daily News*. 6 April.
- An immigrant-friendly state would work for the betterment of us all, with Beth Stickney. 2017. *Portland Press Herald*. 15 May.
- Our Country Needs the Dream Act of 2017 with Beth Stickney. 2017. *Brunswick Times Record*. 10 November.
- Want to boost rural tourism? Raise Internet speeds. 2015. David Vail & C. Dickstein. *Bangor Daily News*. 24 March.
- Support Maine’s innovative small businesses by voting ‘yes’ on Question 3. 2014. *Portland Press Herald*. 7 October.
- Austin Cary - ‘Yankee peddler of forestry’. 2011. *The Times Record*. 1 July; and *Bowdoin* alumni magazine, Fall.
- More to tourism than mottoes and marketing. 2011. *Bangor Daily News*. 23 April.
- Economic Development Investments to Realize Rural Maine’s Tourism Potential. 2010. *Choices*. Maine Center for Economic Policy. XI:7. July.
- An Ecotourism Brand for Rural Maine: The Time is Right. 2009. *Choices*. Maine Center for Economic Policy. X:9. September.
- Maine Senators Should Support Employee Bill of Rights. 2009. With Michael Hillard. *Bangor Daily News*. 28 July.
- Spreading Prosperity by Revitalizing Maine Woods Tourism. 2008. *Choices*. Maine Center for Economic Policy. IX: 6
- Look closely at business indicators with Christopher St. John. 2007. *The Times Record*. 17 August (also published in seven other Maine newspapers)
- Developing rural Maine’s world-class tourism potential. 2007. *Kennebec Journal*. 6 May.
- Raising Maine’s tourism services to world-class level. 2007. *Kennebec Journal*. 7 May.
- Revitalizing Rural Economy Through Health Care, Tourism. 2007. With Lisa Pohlmann, *Bangor Daily News*, 28 April.
- Thoreau’s World-Class Maine. 2006. *Bangor Daily News*. 19 October.
- North Woods: A world-class tourism destination? 2006. *The Times Record*. 25 August.
- Fewer (lobster) traps could be more lucrative. 2006. With Joe Andrasko. *The Times Record*. 28 July

***Times Record* “Sustain Maine” op-ed series, 2001-05:**

- “‘Sustain Maine’ Reaches Milestone” 30 December 2005
- “Land for Maine’s Future” 28 October, 2005
- “New Project will spread prosperity to the ‘other Maine’” 29 July 2005
- “Keeping Land in Trust: Crystal Spring Farm and Beyond” 25 March 2005
- “Four More Years – Long Lasting Impacts.” 3 December 2004
- “Sustaining Maine’s Lobster Fishery: less might be more”. With Joe Andrasko. 30 July 2004.
- “Lady slippers, ospreys and November 2004.” 28 May 2004.
- “Of deception, war and sustainable energy futures.” 2 January 2004.
- “Work and Well-being” 31 October 2003

“Ecotourism and Sustainability” 27 June 2003

“War in Iraq and Sustainable Development at Home” 21 March 2003

“Cultural Heritage and Sustainable Development Can Partner” with Bruce Hazard 3 January 2003

“Maine’s Tax and Spending Priorities: A Perspective to Keep in Mind” with Christopher St. John 25 October 2002

- "Slouching Toward Johannesburg after Backsliding on Rio" 23 August 2002
- "Slowing the Work-and-Consume Treadmill" 28 June 2002
- "We must move from piecemeal environmental policies to green plans." 4 January 2002.
- "Three trends are threatening the sustainability of Maine's forests," with James St. Pierre 31. August 2001.
- "Dialogue needed on sustainable tourism in 'Vacationland.'" 29 June 2001.
- "Maine sustainability coalition embraces Dana Meadows legacy," with Richard Barringer. 25 May 2001.
- "Spreading Prosperity to the 'Other Maines'." 2005. *Maine Lawyers Review*. October.
- "Creating more livable wage jobs in Vacationland" 2005. *Maine Initiatives*, Summer: 1 – 3.
- "Betty and Bill Go to Maine – in 2010." 2004. *Habitat*. Maine Audubon Society. 21:1 (summer). P. 16
- "Cultural Heritage in Maine's Mountain Region." 2003. with Bruce Hazard. *Maine Center for Economic Policy Choices*. IX: 5 July.
- "Maine Needs Tax Reform, Not 'Fiscal Redemption'" 2002. with Michael Jones. *Times Record* 13 December.
- "Realizing Maine's Best Chances for Success" with Christopher St. John. 2002 *Bangor Daily News*. 23 September.
- "Green Plans." 2001. *The Bowdoin Forum*. V:I (65-79)
- "The Multiple Obligations of Sustainable Development," with Christopher St. John. *Reflections on the Future of Maine's Environment*. Natural Resources Council of Maine. September 2000.
- "Tourism Jobs Update," with Wade Kavanaugh. *Maine Sunday Telegram*. 2 July 2000.
- "On the path of Maine Tourism at its best" with John Buell. *Bangor Daily News*. 10 November 1998.
- "Nobel winner a hero to this economist." *Portland Press Herald*. 13 October 1998.
- "Tourism Should Benefit All Mainers" with John Buell. *Maine Sunday Telegram*. 9 August 1998.
- "Sprawl and Rural Development." *Rural Connections*. Maine Rural Development Council. 4:3, pp. 11-17 (1998).
- "Questioning the Rationale Behind Turnpike Widening." With Myrick Freeman, Lloyd Irland, Thomas Tietenberg, and John Joseph. Natural Resources Council of Maine (1997).
- The Sustainable Maine PRIMER*. February, 1996. Principal co-author.
- "State Must Invest More in Education and Training." *Kennebec Journal*. February 23, 1996.
- "King's Plan: Profits Before People." *The Dissident*. February 1996, with Michael Hillard.
- "King's Plan Aimed too Much at Business, Misses the People." *Portland Press Herald*. January 23, 1996, with Michael Hillard.
- "A Countryside Parliament." *Agriculture and Human Values*. 1995. Vol. XII, No. 1.
- "A Call for Sustainable Rural Development," with Michael Hillard. 1995. *The Dissident*. October.
- "Quality of Life and Quality Jobs: Sweden makes the Rural Connection." *The Maine Times*, September, 1995.
- "Field of dreams won't meet global challenge" and "Maine needs jobs, but not just any jobs," with Michael Hillard. 1995. *Kennebec Journal*. January 26 and 27.
- "Notes from the Field: Enforced Leisure in Sweden", *The Maine Times* (May 1994).
- "How Do We Implement Change?," *The Maine Times* (26 November 1993).
- "Uneven Development Downeast," *Dollars and Sense*, no. 127 (June 1987), pp. 10-12.
- "Family Farms in the Web of Community," *Bowdoin*, 58:3 (1985), pp. 10-14.
- "The Changing Face of Agriculture in Four Maine Towns", with Richard Wescott, *Maine Organic Farmer and Gardener*, 12:4 July/August, 1985.
- "Going for Brokers: Lessons from Five Small Farm Wholesale Marketing Experiments," *Maine Organic Farmer and Gardener*, 10:6 (November, 1983).
- "Maine Agriculture - The Next Five Years" (Parts I, II), *Maine Organic Farmer and Gardener*, 9:1 and 2, (February and May 1982).
- "Marketing Maine Farm Products", with Bryan Wyatt, *The Cultivator*, (August, 1983).
- The Past, Present and Future Competitiveness of Maine Agriculture*, with C. Britt, T. Roberts and M. Rozyne, Maine Consortium for Food Self-Reliance (1980).

6:4 "Soil Management on Organic Farms in Maine", with Michael Rozyne, *Maine Organic Farmer and Gardener*,
(July/August, 1979).

Past Academic Positions:

Visiting Scholar, Royal Swedish Academy of Sciences, Beijer International Institute for Ecological Economics, Stockholm, 1999, 2001
 Director of Environmental Studies, Bowdoin College, 1996-99.
 Chair, Bowdoin College Economics Department, 1978-82, 1986-89.
 University of Maine System, Graduate Faculty, adjunct professor (1984, 1993, 1995-97).
 Visiting Professor, Swedish University of Agricultural Sciences, Department of Economics (1986, 1989, 1994).
 Executive Board, Society for Advancement of Socio-economics (1991-93).
 Associate, United Nations University, World Institute for Development Economics Research, "Technology Transfer and Traditional Societies," Helsinki, Finland (1985-1989).
 Editorial Board, *Review of Radical Political Economy* (1976-78, 1984-86).
 Visiting Scholar, Food Research Institute, Stanford University (Summer 1977).
 Rockefeller Foundation Research Fellow, Makerere University, Uganda (1968-70).

Past Advisory, Commission and Board Positions:

Coastal Enterprises, Inc (a c.d.f.i.), board of directors, 2010-2019, chair of policy committee
 Maine Center for Economic Policy, Board of Directors 1994-2009 (founding member)
 New England Council of Governors, Blue Ribbon Commission on Land Conservation, Advisory Committee (2009-10)
 Maine Governor's Council on Quality of Place, tourism and workforce development advisor (2007-08)
 Maine Public Television, *Hometown Economies* series, consultant and featured interviewee, 2006-08
 Maine Governor's Steering Committee on Natural Resource-based Industries, 2004-2006.
 Maine Tourism Commission, Natural Resources Committee, 2003-06
 Gulf of Maine Council on the Marine Environment, Sustainable Tourism Taskforce, 2003-06.
 Natural Resources Council of Maine, board of directors, 1999-2004.
 Maine House Speaker's Commission on Tax Reform, 2002-2003
 Eco-Eco Forum of Maine Government, Business and Environmental Leaders, 1996-2002.
 Sustainable Maine Steering Committee. Founding member. 1993-1996
 Muskie School for Public Service, University of Southern Maine. MA program Planning Committee. 1995-97.
 External evaluator, tenure and promotion decisions: Williams College, Middlebury College, Hamilton College, Bates College, University of Rhode Island, University of Southern Maine.
 Society for Advancement of Socio-economics. 1990-93. Board of directors.
 Maine Department of Environmental Protection, Environmental Priorities Project, technical working group (1994-96).
 Swedish University of Agricultural Sciences, "Ecological Communities" project, consultant (1990-91).
 U.S. Representative Thomas Andrews, Economic policy advisor (1990)
 Maine Science and Technology Board, Development of Value Added Industry in Maine, Consultant (1988-89).
 Maine Department of Agriculture: Agriculture Viability Project (1985-87), Food Processing Industry Task Force (1984-85), Finance Authority of Maine Design Group (1982-83), Apprenticeship Program Steering Committee (1981-84).
 New England Small Farm Institute (Belchertown, MA). Appropriate Technology Advisory Committee, (1985-87).
 New England Governors and Eastern Canada Premiers Conference, Small Farm Sub-Committee (1983-85).
 Maine Small Farm Association. Legislation Committee (1984-1986).
 The Rodale Research Center, Outside Evaluator, "Kutztown Farm Project" Kutztown, PA, (1982-83).
 Vermont Natural and Organic Farmers Association, Research Advisory Group, National Science Foundation Project on Organic Farming Methods (1980-81).
 Harvard Institute for International Development, Agricultural Economics Advisor, Abyei (Sudan) Integrated Rural Development Project (1978-80).

Maine Commissioner of Agriculture, Stewart Smith, Consultant on Milk Price Regulation, (1980).
 The Agricultural Marketing Project, Nashville, TN, consultant (1979-80).
 Maine Organic Farmers and Gardeners Association, Research Committee (1979-1985), Marketing committee (1978-80), Legislation Committee (1977-80).
 Gubernatorial Appointee, Maine Food and Farmland Study Commission (1978-79).
 Maine Consortium for Food Self-Reliance (1976-81). Founding member
 Foundation for Permanent Agriculture (1977-79). Turstee.
 Maine Commissioner of Agriculture, Joseph Williams, Consultant on Small Farm Programs and Direct Marketing, (1976-78).
 East African Community, Common Market Secretariat, Agricultural Economics Advisor, Arusha, Tanzania, (1972-73).
 U.N. International Labor Office, Appropriate Technology Consultant, Tanzania Intermediate Technology Project, Arusha (1972-73).
 Uganda Ministry of Planning, Agricultural Sector Planning Team. *Third Five Year Plan* (1969-70).

Research Grants:

National Science Foundation, 2012.15. EPSCoR Grant, Feasibility of Perennial Grass as a Biomass Feedstock in Northern Maine.
 The Betterment Fund. 2010-11. Creating "Maine Woods Discovery", a tourism quality label.
 Broadreach Foundation, 2009. Amenity investments and tourism destination development, Maine Center for Economic Policy
 Northern Forest Partnership. 2009-10. MECEP Amenity Investment study
 Axel Wenner Gren Foundation (Sweden), rural community development, sustainable nature-based tourism. Visiting scholar housing grants: 1994, 1999, 2002, 2004, 2006, 2007, 2009.
 Dalarna University, Transport and Society Program,. 2002. research on tourism and land use management.
 Swedish Forestry and Agricultural Research Council. 1998-99. Nature-based tourism and rural development.
 Maine Community Foundation. 2005-09. Tourism and community development: Spreading Prosperity to All of Maine.
 Ford and Mott Foundations. 1995-97. Human resources and rural development. Maine Center for Economic Policy
 Fulbright-Hays Senior Research Grant. 1989. The "greening" of Swedish agricultural policy. Swedish University of Agricultural Sciences
 Mainewatch Institute. 1987. The Future of Maine's Forest Resources.
 United Nations University. 1986-1989. Forest Management Systems in Industrial Nations. WIDER – Helsinki.
 National Endowment for the Humanities. 1986. Summer Stipend. Sweden's Land Ethic and Farmland Preservation.
 Maine Humanities Council, Humanities and Public Policy Grant. 1983-1985. "Family Farms in the Web of Community."
 Foundation for Permanent Agriculture. 1982. Study of agricultural producer cooperatives in Maine.
 Fulbright Travel Grant, Yugoslavia. 1981. Study of Croatian agro-industrial *kombinat*s.
 United Methodist Church. 1981. farm-community ties.
 U.S. Community Services Administration. 1979, organic farming in Maine.
 National Center for Appropriate Technology. 1978-80. organic farm management in Maine.
 Rodale Organic Farming Research Center. 1978. Organic farm management in Maine.
 Fulbright Doctoral Research Grant. 1968. Istituto per Studi Agrari, Portici, Italy, declined.
 Council on Comparative European Studies. 1968. Italy grant, declined.

Foreign Languages:

Current Use:	Swedish
Reading Knowledge:	Norwegian, Danish, French, Italian
Past Use:	Kiswahili, Ateso (Nilo-hamitic)