

STEPHEN G. COLT

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Institute of Social and Economic Research

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EDUCATION

Ph.D. Economics, Massachusetts Institute of Technology, February 1999
Major Fields: Econometrics, Industrial Organization
Minor Fields: Environment and Resources, Development
Thesis title: *Three Essays on Native American Economic Development*
B.A. Economics, *summa cum laude*, Williams College, 1981. Salutatorian.
Environmental Studies concentrator

EMPLOYMENT

University of Alaska Anchorage
Associate Professor of Economics (2004 - present)
Interim Director, Institute of Social and Economic Research, (May 2007 – May 2009)
Director, Environmental Studies Program (1998 - 2006)
Assistant Professor of Economics (2001-2004)
Term Assistant Professor of Economics, Research Economist, Adjunct Professor of Economics, Visiting
Assistant Professor of Economics, Institute of Social and Economic Research (1987 - 2001)
Teaching Fellow, MIT Department of Economics (1986-87)
Instructor, Hurricane Island Outward Bound School, (summers 1987, 88)
Research Associate, Institute of Social and Economic Research (1984-1986)
Policy Analyst, California Public Utilities Commission (summer 1984)
Research Assistant, Kennedy School of Government, Harvard University (spring 1984)
Hutmaster, Appalachian Mountain Club (summers 1981,82 and winter 1981)

HONORS AND AWARDS

UAA Chancellor's Award for Excellence – Innovation in Program Delivery, 2002
AT&T Faculty Fellow in Industrial Ecology, 2001
Woodrow Wilson Foundation Rural Policy Dissertation Fellowship
Alaska Center for the Environment "Volunteer of the Year" award, 1986
MIT Alumni Graduate Fellowship
National Merit Scholar

PUBLICATIONS, REPORTS, AND WORKING PAPERS

- Szymoniak, Nick, and S. Colt. 2009. Economic Benefits of the Cook Inlet Ferry to the Municipality of Anchorage. Anchorage: Institute of Social and Economic Research. Prepared for Matanuska-Susitna Borough.
- Martin, Stephanie, and S. Colt. 2009. The Cost of Crime: Could the State Reduce Future Crime and Save Money By Expanding Education and Treatment Programs? Prepared for State of Alaska, House Judiciary Committee and Criminal Justice Working Group.
- Martin, Stephanie, Mary Killorin, and S. Colt. 2009. Fuel Costs, Migration, and Community Viability. Chapter 4 in S. Rajagopalan (ed.) *Rural-Urban Migration*. Hyderabad India: Icfai University Press.
- Dugan, Darcy, Ginny Fay, Hannah Griego, and S. Colt. 2009. Nature-Based Tourism in Southeast Alaska. ISER Working Paper 2009.1. Anchorage: Institute of Social and Economic Research.
- Colt, S. 2008. Economic Analysis of an Integrated Wind-Hydrogen Energy System for a Small Alaska Community. Final Technical Report. Anchorage: ISER. Prepared under U.S. Department of Energy Award Number: DE-FC26-01NT41248
- Colt, S., and Nick Szymoniak. 2008. Benefit-Cost Assessment of the Port MacKenzie Rail Extension. Anchorage: Anchorage: Institute of Social and Economic Research. Prepared for Matanuska-Susitna Borough.
- Colt, S., Peter Crimp, and Mark Foster. 2008. Renewable power in rural Alaska: Improved opportunities for economic deployment. Anchorage: ISER. Prepared for 2007 Arctic Energy Summit.
- Wilson, Meghan, Ginny Fay, Ben Saylor, Nick Szymoniak, and Steve Colt. 2008. *Components of Delivered Fuel Prices in Alaska*. Anchorage: University of Alaska Anchorage, Institute of Social and Economic Research. Prepared for Alaska Energy Authority.
- Fay, Ginny, S. Colt, and Nick Szymoniak. 2008. *Economic Impacts of the South Denali Implementation Plan*. Anchorage: Institute of Social and Economic Research. Prepared for National Park Service and Matanuska-Susitna Borough.
- Fay, Ginny; Darcy Dugan, Ian Fay-Hiltner, Meghan Wilson, and S. Colt. 2007. *Testing a Methodology for Estimating the Economic Significance of Saltwater Charter Fishing in Southeast Alaska*. Anchorage: Institute of Social and Economic Research.
- Colt, S., Scott Goldsmith, and Peter Larsen. 2007. *Analysis of Effects of National Greenhouse Gas (GHG) Control Legislation on Alaska Energy Prices and Consumer Costs*. Anchorage: Institute of Social and Economic Research. Prepared for Office of Senator Lisa Murkowski.
- Colt, S., and Ginny Fay. 2007. *The Regional Economy of Southeast Alaska*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Conservation Foundation.
- Colt, S. 2006. Technical Review of "Economics of Wild Salmon Watersheds: Bristol Bay, Alaska," by Duffield et al. Technical Review Memo No.3, UAA-BBNA Pebble Mine Technical Assistance Project. November.
- Dugan, Darcy, Ginny Fay, and S. Colt. 2006. *Nature-Based Tourism in Southeast Alaska: Results from 2005 and 2006 Field Study*. Prepared for Alaska Conservation Foundation.
- Colt, S. 2005. *Low-Cost, Reliable Power: How does Anchorage Compare?* Prepared for Anchorage Municipal Light and Power. Anchorage: ISER Research Summary 64 (December).
- Colt, S., and Darcy Dugan. 2005. *Spending Patterns of Selected Alaska Bear Viewers: Preliminary Results from a Survey*. Prepared for Kachemak Bay Conservation Society.

- Colt, S. 2005. "Alaska Natives and the 'New Harpoon': Economic Performance of the ANCSA Regional Corporations." *Journal of Land, Resources, and Environmental Law* 25 (winter), pp. 155-181.
- Colt, S., and Michael Pretes. 2005 "Alaska Native Claims Settlement Act." *Encyclopedia of the Arctic*. M. Nuttall, ed. New York: Routledge.
- Chaney, Robert, S. Colt, Ronald Johnson, Richard Wies, and Gregory White. 2004. *Galena Electric Power: A Situational Analysis*. National Energy Technology Laboratory. DE-AM26-99FT40575.
- Colt, S., Scott Goldsmith, and Amy Wiita. 2003. *Sustainable Utilities in Rural Alaska*. Final report. Prepared for USDA Rural Development and Alaska Science and Technology Foundation.
- Colt, S., Stephanie Martin, Jenna Mieren, and Martha Tomeo. 2002. *Recreation and tourism in South-Central Alaska: patterns and prospects*. Gen. Tech. Rep. PNW-GTR-551. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 78 p.
- Colt, S. 2003. *Fiscal and Economic Impacts of Homer Town Square Proposed Development Alternatives*. Anchorage: Institute of Social and Economic Research. Prepared for Kachemak Heritage Land Trust.
- Colt, S.; and Henry Huntington. 2003. "Oceans, Watersheds, and Humans: Facts, Myths and Realities." in *The Status of Alaska's Oceans and Watersheds 2002*. Anchorage AK: Exxon Valdez Trustee Council.
- Colt, S., Jeffrey Griffin, and Gunnar Knapp. 2002. "Incremental Cost Assessment," Appendix A of *Project Brief: Conservation and Sustainable Use of Wild Salmonid Diversity in Kamchatka, Russia*. Prepared for United Nations Global Environment Facility / UNDP.
- Colt, S. 2001. *The Economic Importance of Healthy Alaska Ecosystems*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Conservation Foundation.
- Colt, S. 2000. Jobs vs. Profits?: Economic Performance of Alaska Native Regional Corporations. Presented to WRSA annual meetings, February 2000.
- Colt, S. 2000. *Wind Electric Power Systems for Rural Alaska: Initial Screening Analysis*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Anergy Authority.
- Colt, S. 2000. "Cost Analysis of Selected Flush/Haul Sanitation Systems in Rural Alaska." Chapter 3 in Sharman Haley, ed., *Financing Water and Sewer Operation and Maintenance in Rural Alaska*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Native Health Board.
- Colt, S. 1999. *A Simple "Fiscal Outlook" Model for Rural Alaska Communities*. Anchorage: Institute of Social and Economic Research. Prepared for Northwest Arctic Borough.
- Colt, S. 1997. *Rural Alaska Hydroelectric Assessment: Stage 2 Economic Evaluation of Hydroelectric Projects in Atka, Hoonah, Old Harbor, and Unalaska*. Prepared for Locher Interests and Alaska Division of Energy.
- Colt, S. 1996. *Yukon -Kuskokwim Region Sanitation Utility Management Options Type I Market Feasibility Study*. Anchorage: Institute of Social and Economic Research. Prepared for U.S. Army Corps of Engineers, Alaska District. January 1996
- Colt, S. 1995. *ANCSA Share Repurchases: Resolving(?) a Difficult Dilemma*. Prepared for Alaska Bar Association Annual Meetings, Native Law Section, Anchorage.
- Colt, S. 1994. "Alaska Native Regional Corporations," in *Native America in the Twentieth Century, An Encyclopedia*. New York: Garland.
- Colt, S. 1993. "Economic Benefits of ANCSA to Southeast Alaska Village Corporations." Chapter 7 in *A Study of Five Southeast Communities*. Anchorage: Institute of Social and Economic Research. Prepared for U.S. Forest Service.

- Colt, S. 1991. "Financial Performance of Native Regional Corporations," *Alaska Review of Social and Economic Conditions* XXVIII:2, pp. 1-24.
- Colt, S. 1995. *Electric Load Forecast for Haines, Chilkat Valley, and Kake, Alaska*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Division of Energy.
- Colt, S. 1995. *Kenai Peninsula Natural Gas Study*. Anchorage: Institute of Social and Economic Research. Prepared for Kenai Peninsula Economic Development District.
- Colt, S. 1994. *Operations and Maintenance Issues in Alaska Rural Sanitation*. Anchorage: Institute of Social and Economic Research. Prepared for U.S. Environmental Protection Agency Region 10.
- Colt, S. 1994. *Electric Power Alternatives for Thorne Bay*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Division of Energy. June 1994.
- Colt, S. 1994. *Measured Energy Savings from the Alaska Low-Income Weatherization Program*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Housing Finance Corporation. May 1994.
- Colt, S. 1993. "Economic Impacts of the Proposed Copper River Highway on Tourism, Native Corporations, and Natural Resource Development." Chapters 12,14 and 16 in GunnarKnapp, ed., *Social and Economic Impacts of the Proposed Copper River Highway*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Department of Transportation and Public Facilities.
- Colt, S. 1993. *Estimated Costs to Alaskans of the Proposed 1993 BTU Energy Tax*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Housing Finance Corporation, Office of Energy Programs.
- Colt, S. 1993. *Economic Analysis of the Potential Sale of the Thorne Bay Electric Utility*. Prepared for the City of Thorne Bay.
- Colt, S. 1992. *Economic Value of Reliability Benefits from the Healy Clean Coal Project*. Direct Testimony on behalf of commission staff. Prepared for Alaska Public Utilities Commission Staff.
- Colt, S., Alan Mitchell, and Robert Schutte. 1992. *North Slope Borough Energy Assessment*. Prepared for Arctic Slope Regional Corporation and North Slope Borough.
- Mitchell, Alan, and S. Colt. 1991. *Economic Analysis of Coal-Fired Power Plants to Serve Nome, Kotzebue, and the Red Dog Mine*. Prepared for Arctic Slope Consulting Group.
- Colt, S. 1991. *Cost-Effectiveness of Alternative Window Systems in Anchorage, Fairbanks, and Southcentral Alaska*. Anchorage: Institute of Social and Economic Research. Prepared for State of Alaska Department of Community & Regional Affairs.
- Colt, S. 1991. *Employment Impacts of Alternative Railbelt Energy Projects*. ISER Working Paper 91.1. Prepared for Alaska State Legislature, House Labor and Commerce Committee.
- Mitchell, Alan, and S. Colt. 1990. *Nome Electrical Load Forecast*. Prepared for Arctic Slope Consulting Group.
- Colt, S. 1990. *Electric Load Forecast for Ketchikan, Metlakatla, Petersburg, and Wrangell, Alaska*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Energy Authority.
- Colt, S. 1989. *Income and Employment Impacts of Alaska's Low Income Weatherization Program*. Prepared for Second Annual Rural Energy Conference and State of Alaska Department of Community and Regional Affairs. ISER Working Paper 89.2 (October).
- Colt, S., Karen Foster, and Jack Kruse. 1989. *Forecast of Electricity Demand in the Alaska Railbelt Region: 1988-2010*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Power Authority.

- Mitchell, Alan, Scott Goldsmith, and S. Colt. 1989. *Analysis of Electrical End Use Efficiency Programs for the Alaska Railbelt*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Power Authority.
- Colt, S. 1989. *The Economics of Alternative Window Systems for New Residential Buildings in the Anchorage Region*. Anchorage: Institute of Social and Economic Research. Prepared for Alaska Department of Community and Regional Affairs
- Colt, S. 1988. *Five Key Words in the Utility Ownership Debate*. Prepared for the 1988 Alaska Consumer Advocacy Project Conference on Utility Ownership.
- Colt, S. 1986. *Life Cycle Costing for New Residential Buildings in Alaska*. Prepared for 7th annual Alaska Energy Conference, Juneau (March).
- Colt, S. 1984. *A Nested Multinomial Logit Model of Consumer Response to Utility Energy Conservation Programs*. Graduate Econometrics Paper, MIT.
- Knapp, Gunnar, and S. Colt. 1986. "The Alaska Economy: Where We Are and How we Got Here." *University of Alaska Magazine* (summer).
- Berman, Matthew, S. Colt, and Theresa Hull. 1985. *Alaska Statewide and Regional Economic and Demographic Systems: Effects of OCS Exploration and Development, 1985*. Anchorage: Institute of Social and Economic Research. Prepared for U.S. Minerals Management Service. Technical Report 115.

SHORTER PAPERS AND COMPUTER MODELS

- Saylor, Ben, and S. Colt. 2008. "How would \$1,200 Per Person State Payments Compare With Increased Household Costs for Energy Use?" ISER Webnote #3.
- Colt, S. 2008. *Comments on the documents titled "Analysis of The Lieberman-Warner Climate Security Act (S. 2191) Using The National Energy Modeling System (NEMS/ACCF/NAM)" and "Alaska Economic Impact on the State from the Lieberman-Warner Proposed Legislation to Reduce Greenhouse Gas Emissions"* ISER Working Paper 2008.1. Anchorage: Institute of Social and Economic Research.
- Colt, S. 2006. "Review of Price, Principle, and the Environment, by Mark Sagoff." *Journal of Economic Literature* XLIV (March), pp. 214-215.
- Colt, S. 2005. *The Contribution of ANILCA to Alaska's Economy*. Prepared for Alaska Conservation Foundation.
- Colt, S. 1999. *Salmon Fish Traps in Alaska: An Economic History Perspective*. ISER Working Paper 1999.1.
- Goldsmith, Scott, and Steve Colt. *A Spending Strategy for Fiscal Stability: Resetting the Spending Limit and Planning the Use of the Permanent Fund*. ISER Working Paper 85.4.
- Demographic Projection Model for Alaska Native Village Populations*. Prepared for UIC and Sitnasuak Native Corporations. February 1992.
- IMPACT: A Model for Estimating Jobs and Income from Energy Programs*. Prepared for Alaska Department of Community and Regional Affairs. August 1990.
- AKWARM Interactive Life Cycle Cost Model and User's Guide*. Prepared for Alaska Department of Community and Regional Affairs. August 1986.
- AKREM: The Alaska Residential Energy Model*. Prepared for Alaska Power Authority. March 1989. (Fortran).

AMFOR: Alaska Marine Highway Traffic Forecasting Model. with Scott Goldsmith. Prepared for Alaska Marine Highway System. August 1986.

SUSTAIN: A Fiscal Planning Microcomputer Model for Alaska. Institute of Social and Economic Research, Working Paper 85.5. August 1985. (Lotus 123).

TEACHING

Current courses: Economic development, Environmental economics and policy, Energy and society, Natural resource economics, Introduction to environmental studies

Past courses: Comparative political economy, Principles of microeconomics, Principles of macroeconomics, Proseminar in environmental studies, Science, technology and culture

Short courses: “Global Climate Change for the K-12 Classroom” (Anchorage School District Summer Academy, 2008); “Petroleum Economics and Finance” (special executive training program for Russian oil and gas managers, 1995)

Co-Director, Alaska Earth Systems Field School, 2001-2004.

SELECTED PROFESSIONAL SERVICE AND INTELLECTUAL OUTREACH

Boards, Commissions, Work Groups

Aspen Institute Commission and Dialogue on Arctic Climate Change. Working Group delegate. 2008-present

State of Alaska Climate Subcabinet Mitigation Advisory Group. 2008-present

Tri-Borough Commission Energy Task Force. 2007

Anchorage Mayor’s I/M (Inspection/Maintenance for air quality) TaskForce. 2007

Technical Advisory Group, Alaska Resident Travel and Recreation Statistics Program. 2001- present

Governor’s Oil and Gas Policy Council (Knowles). 1997-1999

Federal Field Work Group on Alaska Rural Sanitation. 1993-94

Governor’s Policy Transition Team, Oil & Gas Subcommittee (Knowles). January 1995

Alaska Land Use Council, Land Use Advisors' Committee. 1988 - 1991

Selected Presentations and Invited Public Testimony

“Everything You Always Wanted to Know about Cap-and-Trade, plus a Few Things You Didn’t.” Invited presentation to Alyeska Pipeline President’s Community Advisory Panel. Anchorage. August 2009.

“The Cost of Crime: Options for Reducing Prison Costs and Crime.” Invited testimony to Alaska Senate Judiciary Committee. February 2009.

“Arctic Climate Change and People.” Aspen Institute Arctic Climate Dialogue, Fairbanks. August 2008.

“Climate Change: Some Basic Economics.” Alaska Municipal League annual conference, Anchorage. May 2008.

“Making the Most of Alaska’s Natural Resources.” Talk, Cook Inlet Historical Society monthly meeting. March 2008.

“Migration, Fuel Costs, and Community Viability.” Presentation to Denali Commission quarterly meeting, Juneau. February 2008.

“Economic Benefits of Green Infrastructure in Alaska.” Plenary talk, FWS/Conservation Fund Workshop on Green Infrastructure. Fairbanks. February 2008.

- “Alaska’s Remote Rural Economy.” Talk, State of Alaska Department of Natural Resources. January 2008.
- “Alaska Permanent Fund Dividends: Basic Income from the ‘People’s Portfolio’.” Invited talk to Voz Alternativa conference on basic income, Mexico City. October 2007.
- “Electricity Costs over Time.” Plenary presentation, Alaska Rural Energy Conference, Valdez. September 2007.
- “Economic Benefits of Parks and Greenbelts in Anchorage.” Anchorage Park Foundation Celebrating Alaska’s Natural Assets lecture series. January 2007.
- “Environmental Policy Issues in Alaska.” UAA conference on “Resources, Institutions, and the Owner State.” Anchorage. August 2006.
- “A Snapshot of the Alaska Economy.” Plenary talk, Alaska Native Leadership Forum, Anchorage. July 2006.
- “Economic Significance of Nature-Based Tourism in Southeast Alaska.” Alaska Recreation and Parks Association Recreation Rendezvous, Fairbanks, April 2006
- “Economics of Nuclear Power for Remote Alaska Locations.” Nome Energy Summit, Nome, April 2006.
- “Overview of the Alaska Economy.” Special briefing of Governor Roman Abramovich (Chukotka) and delegation, Anchorage. February 2006.
- “Five almost-practical policies to address high energy costs in rural Alaska.” SWAMC Annual conference, Anchorage. February 2006.
- “Economic benefits of wilderness, in the very long run.” World Wilderness Conference 8, Anchorage. October 2005
- “Energy Flow in Alaska.” Plenary talk, Alaska Rural Energy Conference, Valdez, September 2005; and Pacific Rim Conference on Energy and Environment, Juneau. March 2006.
- “Some Economics of ANILCA.” Presented to Alaska Wilderness Recreation and Tourism annual meetings, Girdwood. February 2005.
- “Nuclear Power for Remote Alaska Locations.” Presented to IAEE Alaska Chapter monthly meeting, 15 February 2005 and AAEP Alaska monthly meeting. November 2005..
- “Energy for Alaska’s Future”. Presented to BLM Fireside Chat series, Campbell Creek Science Center. October 2004.
- “Re-tooling the Power Cost Equalization Program for the 21st century.” Presented to Alaska Rural Energy Conference 2004, Talkeetna. September 2004.
- “Alaska’s Remote Economies and ANCSA Corporations Performance Update.” Presented to the Village Management Institute, Sheldon Jackson College, Sitka. June 2003.
- “Geospatial Coding and Mapping of Expenditure Data from the Alaska Visitor Statistics Program.” Presented to Alaska Recreation and Park Association Wildland Research Rendezvous. April 2003.
- “Tourism and Alaska’s Future: An Economics Perspective.” Presented to Southwest Alaska Municipal Conference annual conference (February 2003) and to Alaska Natural History Association annual staff conference. February 2003.
- “Environmental Protection in Anchorage and Alaska: A Shared Responsibility.” Presented to Anchorage Sister Cities Commission Russian Leadership Conference. November 2002.
- Salmon Fish Traps in Alaska: A Historical Perspective.* Presented to UAA/Marine Advisory Program Special Workshop on Options for Restructuring the Salmon Industry, Anchorage. October 2002.

- “Conversions: Energy Supply Chains in Rural Alaska.” Presented to Alaska Rural Energy Conference, Fairbanks. September 2002.
- “Oceans, Watersheds, and People: Facts, Myths and Realities.” with Henry Huntington. Presented to the Alaska’s Oceans and Watersheds Symposium, Anchorage. June 2002.
- “Does the Land Ethic Work for the ‘Great Land’?,” Day-long presentation and panel for UAA/NEH Summer Environmental Ethics Institute. June 2001.
- “Alaska Natives and the ‘New Harpoon,’: The Political Economy of the ANCSA Regional Corporations,” Natural Resources Seminar, University of Vermont. February 2001.
- “Wild Values: Putting a Price on Nature,” University of Alaska Science and Society Lecture Series. October 2000.
- “The ANCSA Regional Corporations: Mature, and Growing,” presented to Alaska Bar Association, Native Law Section, Continuing Legal Education conference. October 2000.
- “Energy and Rural Alaska Economic Development,” presented to Utility Wind Interest Group National Meetings, Anchorage. May 2000.
- “ANCSA Share Repurchases: Resolving(?) a Difficult Dilemma.” presented to Alaska Bar Association Native Law Section, Anchorage. October 1995.
- “The Eco-nomic Impacts of Eco-tourism: Some Preliminary Thoughts.” Presented to 1995 Alaska Wilderness Recreation and Tourism Conference, Juneau. April 1995.
- “Tourism and the Alaska Economy,” presented to Alaska Visitors Association Annual Meeting, Whitehorse, Yukon Territory. September 1994.
- “Bridging the Fiscal Gap: Five Myths and Realities.” Alaska Common Ground Symposium on State Fiscal Policy. September 1994.
- “Alaska’s Rural Sanitation Dilemma.” Television appearance with Alaska Native Health Board. February 1994
- "ANCSA and Rural Alaska: An Economic Reality Check." Presented to Commonwealth North monthly breakfast, Anchorage. April 1993.
- “Basic Economic Data for the Arctic: Are We Getting what We Need?” Presented to Minerals Management Service 1993 Information Transfer Meeting, Anchorage. January 1993.
- “Energy Options for the North Slope Borough.” Presented to International Association for Energy Economics monthly meeting, Anchorage. November 1992.
- “The Cost of Staying Warm: Alaska's Heating Bill 1990.” Invited testimony before Alaska House Labor and Commerce Committee, Juneau. February 1992.
- “Reform of the 1872 Mining Law: It Makes Sense in Alaska,” Invited testimony before Subcommittee on Mining, Committee on Interior and Insular Affairs, U.S. House of Representatives, Fairbanks. May 25, 1991.
- “The Role of Mining in the Alaska Economy,” Bering Straits Trading Company and visiting delegation of Soviet mining engineers. April 1991, repeated April 1992.
- “How Bush Capital Spending Helps the Anchorage Economy,” Commonwealth North Committee on Urban-Rural Cooperation, Anchorage. March 1991.
- “Employment Impacts of Alternative Railbelt Energy Projects,” Alaska House Labor & Commerce Committee. March 1991.

- “Socioeconomic Effects of Large Scale Mining,” Alaska Environmental Assembly, Anchorage. February 1991.
- “Restoration Strategies for the Exxon Valdez Oil Spill,” Interagency Working Group on Restoration Planning, Symposium, Anchorage. March 1990.
- “Petroleum and the Alaska Economy,” Williams College Symposium on the Exxon Valdez Oil Spill, Williamstown MA. February 1990.
- “Effective Use of Incentives to Reduce Oil Spill Risks and Damages,” Alaska Oil Spill Commission, Anchorage. October 1989.
- “Value Concepts in Wildlife Valuation,” Wildlife Federation of Alaska Symposium on Wildlife Valuation, Anchorage. August 1989.
- “Five Key Words in the Utility Ownership Debate,” ACAP Utility Conference, Anchorage. July 1988.
- “The Economic Theory of Public Lands,” Alaska State Land Use Symposium. 1987.

Selected Public Service Consulting

Alaska Business Monthly
 Alaska Center for the Environment
 Alaska Common Ground
 Alaska Conservation Foundation
 Alaska Department of Environmental Conservation
 Alaska Department of Fish and Game
 Alaska Department of Natural Resources
 Alaska Geographic Magazine
 Alaska Mountain Safety Center
 Alaska Public Interest Research Group
 Alaska State Chamber of Commerce
 Anchorage Daily News
 Anchorage Municipal Light and Power
 Anchorage Sister Cities Commission
 Arctic Slope Consulting Group
 Bering Straits Trading Company
 Chevron USA
 Chugach Electric Association
 Cook Inlet Region, Inc.
The Economist Magazine
 Ecological Economics of Alaska
First Nations Report
Forbes Magazine
 Golden Valley Electric Association
 Juneau Empire
 KTUU Channel 2 News
 Matanuska Electric Association
 NANA Regional Corporation
National Wildlife Magazine
National Geographic
 The Nature Conservancy
 Planned Parenthood of Alaska
 Power Engineers, Inc.

Reuters
Shareholders for Shareholders
Sitnasuak Native Corporation
U.S. Environmental Protection Agency, R10
U.S. Department of Justice, Civil Rights Division
U.S.D.A. Forest Service, Alaska Region
Wall Street Journal
Washington Post
Wildlife Federation of Alaska

Significant Non-University Economic Consulting

The Kuskokwim Corporation. Demographic analysis and forecasts (2009, 1993)
Tyonek Native Corporation. Dividend Dilution analysis (2001)
ATU Long Distance. Network design considerations (1999)
Alaska Public Utilities Commission Staff. Fairbanks utility mergers (1997)
Napakiak Native Corporation. Population and intermarriage analysis (1996)
Northwest Arctic Borough. Fiscal needs analysis (1996)
City of Thorne Bay. Utility rate analysis and valuation (1995)
General Communications Inc. Peak load pricing and cost allocation analysis (1994)
Alaska Federal Public Defender's Office. Jury composition analysis (1994)
Sitnasuak Native Corporation. Demographic analysis and forecasts (1993)
Decision Focus Corporation. Utility bond sale and financial analysis (1993)
Ukpeagvik Inupiat Corporation. Demographic analysis and forecasts (1992)
Impact Assessment, Inc. Economic modeling and survey design (1990)

COURT APPEARANCES AND DEPOSITIONS DURING PRIOR TEN YEARS

William Mott v. Stolt. AK Superior Court (deposition, 29 March 2007)
Kimberly Pomeroy v. Jan Whitefield, M.D. AK Superior Court (deposition, 26 Jan 2007)
Jerry Faulkner v. Johnson Dealerships, AK Superior Court (deposition and trial, November and December 2005)
Reginald Oleyer v. Alaska Marine Highway System, AK Superior Court (deposition, August 2005)
Kenneth Welch v. Municipality of Anchorage, US District Court, District of Alaska (deposition, 25 August 2005)
Granville Couey v. ConocoPhillips Alaska Co., AK Superior Court, Anchorage (deposition, January 2005 and trial, February 2005).
Jared Jamison v. Valley Hospital, AK Superior Court, Palmer (trial, March 2004)
Sheldon Slade v. Municipality of Anchorage, AK Superior Court, (trial, July 1999)
Michael Jaasi v. Victoria Ann Fisheries (deposition, July 1999)

SIGNIFICANT VOLUNTEER ACTIVITY DURING PRIOR TEN YEARS

Coach, Anchorage Junior Nordic Ski League (1992-present)
Cook, Alaska Youth for Environmental Action summer gathering (2005, 2006)
Mathematics tutor, North Star Elementary School (2004-2005)
Board of Directors and Vice Chair (2002-2005), Alaska Natural History Association (1999-2005)
Advisory Board, Alaska Mountain and Wilderness Huts Association (1/2000 – present)