

February 2007

MATTHEW D. BERMAN

Professor of Economics
Institute of Social and Economic Research
School of Business and Public Policy
University of Alaska Anchorage
3211 Providence Drive
Anchorage, Alaska 99508
Phone: 907-786-7716 e-mail: matt.berman@uaa.alaska.edu

EDUCATION

Ph.D., Economics, Yale University, 1977
Dissertation Title: *Short-run Price Determination*
M.A., M. Phil., Economics, Yale University, 1974
B.A., Magna Cum Laude in Economics, Harvard College, 1972
Thesis Title: *Economic Growth under Fascism: The Case of Franco Spain*

EMPLOYMENT HISTORY

1998-Present: Professor of economics, Institute of Social and Economic Research, University of Alaska Anchorage
1986-1998: Associate Professor of economics, Institute of Social and Economic Research
1984-1986: Assistant Professor of economics, Institute of Social and Economic Research
1981-1984: Assistant Professor of economics, Institute of Social and Economic Research,
1977-1981: Assistant Professor of Public Affairs, Lyndon B. Johnson School of Public Affairs, University of Texas, Austin, Texas
1976-1977: Research assistant, Department of Economics, Yale University, New Haven, CT
1975-1976: Research assistant, Institution for Social and Policy Studies, Yale University, New Haven, Connecticut
1974-1975: Teaching assistant, Yale University, New Haven, Connecticut

CURRENT PROFESSIONAL AFFILIATIONS

International Association for Energy Economics (Alaska Chapter Board member and past president)
North American Association of Fisheries Economists
Western Regional Science Association
International Arctic Social Science Association
American Association for the Advancement of Science, Arctic Division

FELLOWSHIPS AND AWARDS

Rockefeller Foundation Post-Doctoral Fellow, 1978-79
Pierce Foundation Summer Research Fellowship, 1976
Institution for Social and Policy Studies Dissertation Fellowship, 1975-76
Yale University Fellowship, 1973-75

Matthew Berman, "Modeling Spatial Choice in Ocean Fisheries," *Marine Resource Economics*, 21: 387-406 (2006).

Matthew Berman and Rashid Sumaila, "Discounting and Amenity Values in Ecosystem Restoration," *Marine Resource Economics*, 21(2): 211-219 (2006).

Matthew Berman, "Changing Alaska's Oil and Gas Production Taxes: Issues and Consequences, April 2006, 21 pp. <http://www.iser.uaa.alaska.edu/Publications/Bermanoilfinal.pdf>.

Gary Kofinas, Bruce Forbes, Fikret Berkes, Matthew Berman, Hugh Beach, Terry Chapin, Yvon Csonka, Kjell Danell, Tamara Semenova, Joe Tetlich, Oran Young, Dawn Magness. "A Research Plan for the Study of Rapid Change, Resilience and Vulnerability in Social-Ecological Systems of the Arctic." June 2005. *CPR Digest of the International Association for the Study of Common Property* (6-7); Research Plan of Working Group #10, of ICARP-2, Copenhagen, November 2005.

Matthew Berman, Tim Bradner, Steve Colt, Vic Fischer, Mark Foster, Scott Goldsmith, Peter Larsen, Lee Gorsuch, Larry Persily, and Arlon Tussing, "The Alaska Natural Gas Pipeline: What's It All About?" *Understanding Alaska Policy Brief*, November 2005, pp. 1-4, <http://www.iser.uaa.alaska.edu/Publications/revisedgaspipeline.pdf>.

Matthew Berman, "Economic Development Through State Ownership of Oil and Gas: Evaluating Alaska's Royalty-in-Kind Program," *International Journal of Global Energy Issues*, 26(1-2), 83:105 (2006).

Matthew Berman and Andrea Fenaughty, "Technology and Managed Care: Patient Benefits of Telemedicine in a Rural Health Care Network," *Health Economics*, 14(6) (June 2005): 559-573.

George A. Conway, Nicolle A. Mode, Matthew Berman, Stephanie Martin, and Alexandra Hill. "Flight Safety in Alaska: Comparing Attitudes and Practices of High- and Low-risk Air Carriers," *Aviation, Space, and Environmental Medicine*, 76(1): 52-57 (January 2005).

F. Stuart Chapin, Matthew Berman, Terry V. Callaghan, Anne-Sophie Crepin, Kjell Danell, Bruce Forbes, Gary Kofinas, Anthony David McGuire, Mark Nuttall, Caleb Pungowiyi, Oran Young, Sergei A. Zimov, Torben Christensen, Anna Godduhn, Christoph Zockler, "Polar Systems," Chapter 25 in *Ecosystems and Human Well-being: Current State and Trends, Millennium Ecosystem Assessment, Volume 1, Findings of the Conditions and Trends Working Group* (Washington, D.C.: Island Press).

Kruse, J.A., White, R.G., Epstein, H.E., Archie, B., Berman, M.D., Braund, S.R., Chapin III, F.S., Charlie Sr., J., Daniel, C.J., Eamer, J., Flanders, N., Griffith, B., Haley, S., Huskey, L., James, S., Joseph, B., Klein, D., Kofinas, G.P., Martin, S., Murphy, S.M., Nebesky, W., Nicolson, C., Peter, K., Russell, D.E., Tetlich, J., Tussing, A., Walker, M.D., Young, O.R. "Assessing the Sustainability of Arctic Communities: An Interdisciplinary Collaboration of Researchers and Local Knowledge Holders," *Ecosystems*, 7(8): 815-828 (December 2004).

Matthew Berman, Craig Nicolson, Gary Kofinas, Joe Tetlich, and Stephanie Martin, "Adaptation and Sustainability in a Small Arctic Community: Results of an Agent-Based Simulation Model," *Arctic*, 57(4) (December 2004): 401-414.

George A. Conway, Alexandra Hill, Stephanie Martin, Matthew Berman, Nicolle A. Mode, Diana Bensyl, Jan Manwaring, and Katherine Moran, "Survey of Air Transportation Safety Among Air Carrier Operators and Pilots in Alaska," *Aviation, Space, and Environmental Medicine* 75:984-991 (November 2004).

Matthew Berman and Gary Kofinas, "Hunting for Models: Rational Choice and Grounded Approaches to Analyzing Climate Effects on Subsistence Hunting in an Arctic Community," *Ecological Economics*, 49(1) (May 2004): 31-46.

Huskey Lee, Matthew Berman, and Alexandra Hill, "Leaving Home, Returning Home: Migration as a Labor Market Choice for Alaska Natives," *Annals of Regional Science*, 38(1) (March 2004): 75-92.

Henry P. Huntington, Matt Berman, Lee Cooper, Larry Hamilton, Larry Hinzman, Knut Kielland, Elizabeth Kirk, Jack Kruse, Amanda Lynch, David McGuire, David Norton, Astrid Ogilvie. "Human Dimensions of the Arctic System: Interdisciplinary Approaches to the Dynamics of Social Environment Relationships." *Arctic Research of the United States* 17 (Spring/Summer 2003): 59-69.

Gary Kofinas, Craig Nicolson, Matthew Berman, and Pippa McNeil. *Caribou Harvesting Strategies and Sustainability Workshop Proceedings*, held in Inuvik, Northwest Territories, April 15-16, 2002. NSF Sustainability of Arctic Communities Project (Phase II). 2002.

Matthew Berman, "Alcohol Control Policies and American Indian Communities," in *Alcohol Use Among American Indians: Multiple Perspectives on a Complex Problem*, in P.D. Mail, S. Heurtin-Roberts, S.E. Martin, and J. Howard, eds. National Institute on Alcohol Abuse and Alcoholism, Research Monograph No. 37. Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism, 2002, pp. 87-110.

F.W. Pearce, D.G. Fisher, A. Fenaughty, M. Berman, S. Ferguson, G. Reynolds, G., and D. Statz, "The evaluation of narrow bandwidth telemedicine in frontier Alaska," [Abstract] Alaska telemedicine testbed project. In *Telemedicine Journal and e-Health*, 7(2) Summer 2001, p. 141.

Matthew Berman, Teresa Hull, and G. Williamson McDiarmid, "Alaska," in *Public School Finance Programs for the United States and Canada, 1998-99*. Compiled by Catherine Sielke, John Dayton, and C. Thomas Holmes, and Anne Jefferson, National Center for Education Statistics. NCES 2001-309. 2001.

Matthew Berman and Teresa Hull, "Alcohol Control by Referendum in Northern Native Communities: the Alaska Local Option Law," *Arctic*, Volume 54, No. 1, March 2001, pp. 77-83.

Matthew Berman, Teresa Hull, and Phillip May, "Alcohol Control and Injury Death in Alaska Native Communities: Wet, Damp, and Dry Under Alaska's Local Option Law," *Journal of Studies on Alcohol*, 61:311-319, March 2000.

Matthew Berman and Hong Jin Kim, "Endogenous Onsite Time in the Recreation Demand Model," *Land Economics*, 75(4), (November 1999): 603-619.

Matthew Berman, Glenn Juday, and Roger Burnside, "Climate Change and Alaska's Forests: People, Problems, and Policies," in *Assessing the Consequences of Climate Change for Alaska and the Bering Sea Region*. (Gunter Weller and Patricia A. Anderson eds.) Proceedings of a Workshop at University of Alaska Fairbanks. Center for Global Change and Arctic System Research, University of Alaska Fairbanks, November 1999.

Matthew Berman, Sharman Haley and Hong Jin Kim, "Estimating Net Benefits of Reallocation: Discrete Choice Models of Sport and Commercial Fishing," *Marine Resource Economics*, 12(4) (Winter 1997): 307-27.

Matthew Berman, "Caveat Emptor: Purchasing Petroleum Industry Investment with Fiscal Incentives," *Journal of Energy Finance and Development*, Vol. 2, No. 1, 1997, 25-43.

Matthew Berman and Teresa Hull, "Community Control of Alcohol in Alaska," *Alaska Review of Social and Economic Conditions*, 31(1), ISER, April 1997.

Matthew Berman, "Alaska," in *Public School Finance Programs of the United States and Canada, 1993-94*, edited by Steven Gold et al., Rockefeller Institute of Government, Albany, New York, 1995.

Matthew Berman and Linda Leask, "On the Eve of IFQs: Fishing for Alaska's Halibut and Sablefish," *Alaska Review of Social and Economic Conditions*, Vol. XXIX, No. 2, ISER, December 1994.

Matthew Berman and Bradford Tuck, "New Crude Oil Reserve Formation: Responsiveness to Changes in Real Prices and the Reserve-Production Ratio," *OPEC Review*, XVIII (3) (Autumn 1994), 413-427.

Matthew Berman and Linda Leask, "Violent Death in Alaska: Who Is Most Likely to Die?" *Alaska Review of Social and Economic Conditions*, Vol. XXIX, No. 1, ISER, February 1994.

Matthew Berman and Alexandra Hill, "Gaining and Losing Under State Fiscal Policies," *Fiscal Policy Papers* No. 8, ISER, December 1993.

Matthew Berman, "Alaska," in *Public School Finance Programs of the United States and Canada, 1990-91*. Edited by Steven Gold, David Smith, and Andrea Hyary, Rockefeller Institute of Government, Albany, New York, 1992, 91-98.

Matthew Berman, Bradford Tuck and Eric Larson, "Natural Resource Depletion and Social Income Accounting: Sustainable Income in Petroleum-Dependent Economies," *OPEC Review*, XVI, No. 4 (Supplement), Winter 1992, 179-200.

Alexandra Hill, Matthew Berman, Linda Leask, and Scott Goldsmith, "Who Will Pay for Balancing the Budget?" *Fiscal Policy Papers* No. 6, ISER, April 1991.

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Matthew Berman, Alexandra Hill and Linda Leask, "Better Times in Alaska," *Alaska Review of Social and Economic Conditions*, Vol. 27, No. 1, ISER, June 1990.

Scott Goldsmith, Matthew Berman, Lee Gorsuch, and Linda Leask, "Alaska's Potential Tax Revenues," *Fiscal Policy Paper* No. 3, ISER, February 1990.

Matthew .D. Berman and Katrina V. Berman, "An Empirical Test of the Theory of the Labor-Managed Firm," *Journal of Comparative Economics*, Vol. 13, No. 2, June 1989.

Matthew Berman, Scott Goldsmith, Lee Gorsuch, Linda Leask, and Teresa Hull, "Alaska Housing and the Recession," *Alaska Review of Social and Economic Conditions*, Vol. 25, No. 1, ISER, February 1988.

O. Scott Goldsmith, Lee Huskey, and Matthew Berman, "An Interactive Multi-regional Model of a Frontier Economy: Anchorage and the State of Alaska," with in *Regional Science Perspectives*, Vol. 17, No. 1, 1987.

Matthew Berman, "Alaska North Slope Oil Production and Revenue Projections," *Alaska Review of Social and Economic Conditions*, XXII, No. 1, ISER, February 1985.

Matthew Berman, "Renewable Resources," in T. Morehouse, ed., *Alaska Resources Development*, Boulder, Colorado: Westview Press, 1984, pp. 105-33.

Matthew Berman, "Land Management Planning for the National Forests in Texas," *Public Affairs Comment*, XXVII, No. 3, May 1980.

Matthew D. Berman and Katrina V. Berman, "The Long-Run Analysis of the Labor-Managed Firm: Comment", *American Economic Review*, Vol. 68, No. 4, 1978.

Matthew Berman, "Short-Run Efficiency in the Labor-Managed Firm," *Journal of Comparative Economics*, Vol. 1, 1977.

PAPERS UNDER REVIEW

Bradford Tuck, Matthew Berman, and Alexandra Hill, "Local Amenities, Unobserved Quality, and Market Clearing: Adjusting Teacher Compensation to Provide Equal Education Opportunities," resubmitted to *Economics of Education Review*, August 2006.

PROFESSIONAL PAPERS PRESENTED

"Working for Pay; Paying for Work: Household Production and Sharing in the Arctic Mixed Economy," presented to the Fifth International Congress of Arctic Social Sciences (ICASS V), Fairbanks, May 2004.

"Measuring Safety Effects of the Capstone Phase I Program," with Alexandra Hill and Stephanie Martin, presented to the Aerospace Medical Association 75th Annual Scientific Meeting: *Frontiers in Aerospace Medicine*, Anchorage, May 2004.

Integrating Research, Local Knowledge, and Collective Action in a Dynamic Simulation Model of Cross-Boundary Regional Development, with Craig Nicolson and Gary Kofinas, presented to the Western Regional Science Association annual meeting, Wailea, Hawaii, February 2004..

"Adaptation and Sustainability in a Small Arctic Community: Results of an Agent-Based Simulation Model," with Craig Nicolson, Gary Kofinas, and Stephanie Martin, poster presented to the Arctic Research Council of the United States *Arctic Forum*, Washington, DC, April 2003.

"Community Vulnerability, Institutional Resilience, and Regional Sustainability in the Arctic," with Gary Kofinas, and Craig Nicolson, presented to the Western Regional Science Association annual meeting, Rio Rico, AZ, February 2003.

"Arctic Institutions and Global Climate Change," with Jerry McBeath, poster presented to IARC/CIFAR Principal Investigators Meeting, Boulder, CO, October 2001.

"What Happened to the Yukon River Chums? Climate Variation and Management of Western Alaska Salmon Fisheries," with Darcy Dugan, poster presented to the American Association for the Advancement of Science Alaska Science Conference, Anchorage, September 2001, published on the internet at <http://www.iser.uaa.alaska.edu/Products/Yukonchums/>.

"Hunting for Models: Neoclassical and Institutional Approaches to Analyzing Climate Effects on Subsistence Hunting in an Arctic Community," with Gary Kofinas. Presented to the annual meeting of the Western Regional Science Association, Palm Springs, California, February 2001.

"Global Change, Uncertainty, and the Future of Arctic Communities," with Craig Nicolson, presented to the annual meeting of the Western Regional Science Association, Poipu, Hawaii, February 2000.

"Oil Rents and Political Economy in Alaska," presented to the American Association for the Advancement of Science Arctic Science Conference, Denali Park, Alaska, September 1999.

"Institutional Response to Uncertainty: the Regional Effects of Global Change in the North," presented to the annual meeting of the Western Regional Science Association, Ojai, California, February, 1999.

"Endogenous On-Site Time in the Recreation Demand Model," presented to the annual meeting of the American Agricultural Economics, Nashville, TN, August 1999, with Kim Hong Jin.

"History and Sustainability of the Bering Sea Fishery," presented to the Alaska Environmental History Conference, Anchorage, Alaska, August 1998.

"Climate, Vegetation, Caribou, and People: and Integrated Assessment Model for Investigating the Sustainability of Arctic Communities," with Nicolson C.R., G.P. Kofinas, J.A. Kruse, R.G. White, D.E. Russell, J. Johnstone. Poster presented to a conference entitled, *Can the Last Frontier Have a Sustainable Future?* Anchorage, July 1999.

Sustainability and Subsistence in Arctic Communities, presented to the annual meeting of the Western Regional Science Association, Monterey, California, February 1998.

Limiting Fishing Rights in Small Coastal Communities: the Alaska Halibut and Sablefish Longline Fisheries, presented to the annual meeting of the Western Regional Science Association, Kamuela, Hawaii, February 1997.

Alcohol Control Policy and Native American Communities, presented to a conference entitled, American Indian/Alaska Native Alcohol Research: Past, Present, and Future, sponsored by the National Institute on Alcohol Abuse and Alcoholism, Washington, D.C., October 1996.

Economic Effects of Reallocation from a Commercial Fishery to a Sport Fishery: Alaska's Kenai River Sockeye Salmon Fishery, with Gunnar Knapp, Sharman Haley, and Hong Jin Kim. Presented to the conference on Making Teaching Statistics Effective in Schools of Business, sponsored by the American Statistical Association, Anchorage, June 1996.

Caveat Emptor: Purchasing Petroleum Industry Investment with Fiscal Incentives, presented to the International Conference on Petroleum Fiscal Regimes, Anchorage, May 1996.

Alcohol Control and Violent Death in Remote Northern Communities: the Case of Alaska's Local Option Law, prepared for 1996 annual meeting, Western Regional Science Association, Napa, California, February 1996.

"Alaska Natives Dying from Injuries and Violence," prepared for *A Call to Action: Taking Community Responsibility*, a conference sponsored by the Alaska Federation of Natives, Anchorage, October 1994.

New Crude Oil Reserve Formation: Responsiveness to Changes in Real Prices and the Reserve-Production Ratio, with Bradford Tuck, presented at the second OPEC-Alaska Energy Conference, Anchorage, May 1994.

Modern, Postmodern, and Northern: A New Approach to the Political Economy of Northern Regions, with Michael Pretes, presented at the annual meeting of the Western Regional Science Association, Tucson, Arizona, February 1994.

Limited Entry, IFQs, and the Domino Effect, principal author, with Marcus Hartley, presented to meeting of Scientific and Statistical Committee, North Pacific Fishery Management Council, January 1994.

Sustainable Development and Sustainable Income for Remote Regions, paper presented at the Western Regional Science Association Annual Meeting, Maui, Hawaii, February 1993.

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"Natural Resource Depletion and Social Income Accounting: Sustainable Income in Petroleum-Dependent Economies," with Bradford Tuck and Eric Larson, presented at the first *OPEC-Alaska Conference*, Anchorage, July 1992.

Northern Development as a Dismal Science, paper presented at the annual meeting of the Western Regional Science Association, Lake Tahoe, Nevada, February 1992.

Violent Death in Rural Alaska, paper presented at the Western Regional Science Association Annual Meeting, Monterey, California, February 1991.

The Flight to Quality in a Market with Surplus Housing, with Lee Huskey, paper presented at the Western Regional Science Association Annual Meeting, Molokai, Hawaii, February 1990.

The Traditional Sector as Employer of Last Resort, paper presented at the Western Regional Science Association Annual Meeting, Molokai, Hawaii, February 1990.

Privatization of Public Lands and Resources: Rural Land in the Susitna Valley, Alaska, paper presented at the Western Regional Science Association Annual Meeting, San Diego, California, February 1989.

Allocation Under Uncertainty in Simple Economies, paper presented at the Association for Comparative Economic Studies Annual Meeting, New York, New York, December 1988.

Development of the Northern Political Economy: Notes on Economic Organization in Arctic and Subarctic Regions, paper presented at the Western Regional Science Association Annual Meeting, Kona, Hawaii, February 1987.

Strategies for Economic Self-Reliance in Rural Northern Villages, presented at Western Regional Science Association annual meeting, Laguna Beach, California, February 1986.

Taxation, Land Ownership, and the Distribution of Economic Rent from Oil and Gas Production: A Comparative Analysis of Alaska and Texas, presented at Western Regional Science Association annual meeting, San Diego, March 2, 1985.[^]

"Neighborhood Discrimination in Home Mortgage Lending," with Robert H. Wilson, Lyndon B. Johnson School of Public Affairs, *Working Paper* No.16, presented to the Second Annual Conference on Public Policy and Management, Boston, October 1980.

Conservation Regulation for Alaskan Petroleum, paper presented to the 31st Arctic Science Conference, Anchorage, Alaska, September 1980.

Petroleum Reservoir Conservation Policy, paper presented to the First Annual Conference on Public Policy and Management, Chicago, October 1979.

The Public Interest in Petroleum Reservoir Management, testimony presented to the Alaska Legislature, House of Representatives, Committee on Natural Resources, Juneau, Alaska, August 1979.

Migration and Unemployment in Alaska: Some Suggestions for Economic Forecasting and Policy Analysis, presented to Economic Modeling Symposium, sponsored by the State of Alaska, Legislative Affairs Agency, Anchorage, Alaska, October 1978.

RESEARCH REPORTS

RESOURCE ECONOMICS AND POLICY

Economics of Sport Fishing in Alaska, with Sharman Haley, Scott Goldsmith, Alexandra Hill, and Hong Jin Kim, prepared for Alaska Department of Fish and Game, December 1999.

Management of Incidental Catch of Crab, Halibut, Herring and Salmon in the Groundfish Fisheries off Alaska, prepared for National Marine Fisheries Service, August 1997.

Long-Term Effects of Limiting Access to Alaska's Sablefish and Halibut Fisheries, prepared for National Marine Fisheries Service July, 1997.

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Economic Effects of Management Changes for Kenai River Late-Run Sockeye, with Sharman Haley, Gunnar Knapp, and others, prepared for Alaska Department of Fish and Game, January 1996.

North Pacific Fisheries Optimization Model, ISER, presented to North Pacific Fishery Management Council, July 1993.

Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for the Proposed Delay of the Bering Sea/Aleutian Islands Pollock Non-Roe Season. with Terrence Smith, Gunnar Knapp, and others, for North Pacific Fishery Management Council, January 1993.

Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for the Exclusive Area Registration Proposal in the Bering Sea/Aleutian Islands and Gulf of Alaska, principal author, with Gunnar Knapp and others, North Pacific Fishery Management Council, public review draft, November 1992.

"When Is the Best Time to Invest in Conservation of A Renewable Resource?" Appendix G, in *North Slope Borough Energy Assessment*, Final Report. Prepared by Arctic Slope Consulting Group for North Slope Borough, July 1992.

Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendment 16a to the Fishery Management Plan for Groundfish of the Bering Sea/Aleutian Islands, with Fritz Funk and others, North Pacific Fishery Management Council, June 1990.

Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendment 21 to the Fishery Management Plan for Groundfish of the Gulf of Alaska and Amendment 16 to the Fishery Management Plan for Groundfish of the Bering Sea/Aleutian Islands. North Pacific Fishery Management Council, May 1990, with Fritz Funk and others.

Petroleum: Sector Report, principal author, with Teresa Hull, Alaska Department of Commerce and Economic Development, Division of Business Development, October 1989.

Forest Products: Sector Report, principal author, with Teresa Hull, Alaska Department of Commerce and Economic Development, Division of Business Development, October 1989.

Review and Analysis of Mineral, Coal, and Aggregate Resource Appraisal of Alaska Mental Health Trust Lands, with Brad Tuck, ISER, May 1989.

Report on Alaska Benefits and Costs of Exporting Alaska North Slope Crude Oil, with Susan Fison, Arlon Tussing, and Samuel VanVactor, ISER, May 1987.

The Commercial Fishing Industry in Alaska's Economy, principal author, with Teresa Hull, ISER, March 1987.

"Income from Fishing, Hunting, and Trapping in Rural Alaska," *ISER Working Paper* 86.10, December 1986.

Sharing Revenues from the Outer Continental Shelf and Other Federal Lands, principal author, with Karen White, ISER, December 1984.

Alaska Petroleum Revenues: The Influence of Federal Policy, prepared for Alaska Office of the Governor, principal author, with Eric Myers, Will Nebesky, Karen White, and Teresa Hull, ISER, October 1984,

"Projecting the Alaska Corporate Income Tax," principal author, with Will Nebesky, *ISER Working Paper*, August 1984.

"Estimation of Timber Values," Appendix C, in Thomas A. Morehouse et al., *Land Settlement Alternatives for the Chugach Region: Effects on Public Values of Transferring Public Lands to Private Ownership*, ISER, October 1981.

"Estimation of Mineral Values," Appendix D, in Thomas A. Morehouse et al., *Land Settlement Alternatives for the Chugach Region: Effects on Public Values of Transferring Public Lands to Private Ownership*, ISER, October 1981.

Interrelationship of Proposed Gas-Based Petrochemical Development and the Alaska Natural Gas Pipeline Project, ISER, July 1981.

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Expected State and Local Revenue from the Alaska Highway Natural Gas Pipeline Project, principal author, with Eric Myers, ISER, October 1980.

"Criteria for Evaluation of Leasing Methods for the Beaufort Sea Sale," *Report of the House Interim Committee on Oil and Gas Leasing Policy*, Alaska State Legislature, House of Representatives, January 1980.

"Economic Impact of the Proposed Alaska National Interest Lands Conservation Act," *Alaska National Interest Lands*, Hearings before the U.S. House of Representatives, Committee on Interior and Insular Affairs, August 1979.

"Economic Analysis of the Tongass Forest Land Use Management Plan," H.R. 39, *Alaska National Interest Lands Conservation Act*, Report of the Committee on Interior and Insular Affairs, U.S. House of Representatives, April 1979.

HEALTH AND SAFETY STUDIES

Business Models for Telehealth, with Mark Foster and Rosyland Frazier, March 2006.

Evaluation of the Alaska Interagency Aviation Safety Initiative, with Stephanie Martin, Alexandra Hill, and Mary Killorin, September 2006.

Capstone Phase I, Interim Safety Study 2002, with Wayne Daniels, Lexi Hill, Leonard Kirk, and Stephanie Martin, August 2003.

Capstone Phase I Interim Safety Study, 2000/2001, with Wayne Daniels, Lexi Hill, Leonard Kirk, Worth Kirkman, and Stephanie Martin, December 2002.

Capstone Annual Report, 2000, with Alexandra Hill, Leonard Kirk, and Stephanie Martin, ISER. Prepared for Federal Aviation Administration. April 2001

Air Safety in Southwest Alaska: Capstone Baseline Safety Study, with Alexandra Hill, Leonard Kirk, and Stephanie Martin, ISER. Prepared for Federal Aviation Administration. June 2000.

The Impact of Sulfur Oxide Pollution on Chronic Respiratory Disease, U.S. Department of Energy, Washington, D.C., 1977.

REGIONAL ECONOMIC AND DEMOGRAPHIC STUDIES

Economic and Social Impacts of the Proposed Copper River Highway, with Gunnar Knapp, Steve Colt, Alexandra Hill, Teresa Hull, and Eric Larson, ISER, June 1993.

Education Equity and Taxpayer Equity: a Review of the Alaska Public School Foundation Funding Program, principal author, with Eric Larson, ISER, September 1991.

Alaska Statewide and Regional Economic and Demographic Systems: Effects of OCS Exploration and Development, 1990, principal author, with Scott Goldsmith and Teresa Hull, Social and Economic Studies Technical Report No. 143, Anchorage: Minerals Management Service, Alaska Outer Continental Shelf Region, September 1990.

Alaska Housing Markets in 1990, principal author, with Alexandra Hill, ISER, July 1990.

Alaska Households in 1990, with Alexandra Hill and Linda Leask, ISER, July 1990.

Anchorage Housing in 1989, principal author, with Linda Leask and Alexandra Hill, ISER, June 1990.

Market Effects of Resale Restrictions on Bulk Condominium Sales, ISER, June 1989.

Stabilizing Alaska's Housing Markets, principal author, with Linda Leask, ISER, March 1989.

Stabilizing Alaska's Housing Markets: Policy Memorandum, with Lee Huskey, ISER, September 1988.

Alaska's Economy and Housing Market, with O.S. Goldsmith, Lee Huskey, and Linda Leask, ISER, October 1987.

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"Cyclical Movements in Alaska Real Wages," ISER Working Paper 87.2, May 1987.

The Effect of Changes in the Alaska Housing Finance Corporation Mortgage Programs, with Lee Huskey, ISER, November 1986.

Alaska Statewide and Regional Economic and Demographic Systems: Effects of OCS Exploration and Development, 1986, principal author, with Stephen Colt and Teresa Hull, Social and Economic Studies Technical Report No. 124, Anchorage: Minerals Management Service, Alaska Outer Continental Shelf Region, July 1986.

ISER MAP Alaska Economic Model: State Model Documentation Version A86.1, principal author, with Scott Goldsmith and Steven Colt, ISER, June 1986.

Poverty and Public Assistance among Alaska Natives, principal author, with Karen Pyle Foster, ISER, April 1986.

The Effect of Changes in the Alaska Housing Finance Corporation Mortgage Programs: Interim Report, with Scott Goldsmith, Lee Huskey, and Linda Leask, ISER, March 1986.

Alaska Statewide and Regional Economic and Demographic Effects of OCS Exploration and Development, 1985, principal author, with Stephen Colt and Teresa Hull. Social and Economic Studies Program Technical Report No. 115, Anchorage: Minerals Management Service, Alaska Outer Continental Shelf Region, June 1985.

ISER MAP Alaska Economic Model: State Model Documentation Version A85.2, principal author, with Scott Goldsmith and Steven Colt, ISER, March 1985.

"Statistical Analysis of the Effects of Permanent Fund Dividends on Deposits in Alaska Financial Institutions," Appendix I, in Gunnar Knapp et al., *The Alaska Permanent Fund Dividend Program: Economic Effects and Public Attitudes*, ISER, September 1984.

Alaska Statewide and Regional Economic and Demographic Systems: Effects of OCS Exploration and Development, principal author, with Teresa Hull. Social and Economic Studies Program Technical Report No. 106 Anchorage: Minerals Management Service, Alaska Outer Continental Shelf Region, April 1984.

Municipality of Anchorage Economic Modeling Project, with O.S. Goldsmith and Lee Huskey, ISER, July 1982.

Interstate Migration in Alaska, ISER, November 1982.

WORKER OWNERSHIP

Productivity Effects of Worker Participation in Decision Making and Profits: Statistical Estimation for the Example of Worker-Owned Firms in Plywood Manufacturing, with K.V. Berman, University of Idaho, Center for Business Development and Research, Moscow, Idaho, March 1984.

ISER RESEARCH SUMMARIES

No. 56, "Who Pays for Alaska's Schools?" with Teresa Hull, ISER, March 1995.

No. 50, "School Costs and the Foundation Program," September 1991

No. 46, "Alaska Housing Today," August 1990

No. 45, "Petroleum in Alaska," December 1989

No. 42, "The Future of Anchorage Housing Markets," March 1989

No. 36, "Alaska's Economy and Housing Markets," November 1987

No. 35, "Income from Commercial Fishing," March 1987

No. 32, "AHFC's Market Effects, 1980-1986," November 1986

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No. 31, "*Poverty Among Alaska Natives*," May 1986

No. 30, "*AHFC and the Alaska Housing Market*," March 1986

No. 26, "*OCS Revenue Sharing in Alaska*," January 1985

No. 25, "*Distribution of Alaska Petroleum Wealth*," December 1984

No. 18, "*Alaska Economic Projections and the Effects of OCS Development*," June 1984

TEACHING ACTIVITIES

GRADUATE COURSES

Econometrics, Cost-Benefit Analysis, Petroleum Economics, Political Economy of Natural Resources, Public Land Management Policy, Quantitative Skills for Policy Analysis, Seminar in Statistical Methods in Policy Analysis, Macroeconomic Theory and Policy

UNDERGRADUATE COURSES

Industrial Organization and Public Policy, Comparative Economic Systems, Intermediate Macroeconomics, Principles of Microeconomics, Principles of Macroeconomics