

December 2014

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### 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  
at Austin  
1976-1977: Research assistant, Department of Economics, Yale University  
1975-1976: Research assistant, Institution for Social and Policy Studies, Yale University  
1974-1975: Teaching assistant, Yale University

### Current Professional Affiliations

Anchorage Association for Energy Economics (Board member and past president)  
U.S. Association for Energy Economics  
Western Regional Science Association  
International Arctic Social Science Association

### 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

## PUBLICATIONS

Matthew Berman, "Comparing Alaska's Oil Production Taxes: Incentives and Assumptions," ISER Webnote 18 (August 2014): 1-28, [http://www.iser.uaa.alaska.edu/Publications/webnote/2014\\_08-WebNote18-ComparingAKOilTaxes.pdf](http://www.iser.uaa.alaska.edu/Publications/webnote/2014_08-WebNote18-ComparingAKOilTaxes.pdf).

Julia Smith, Matthew Berman, Vanessa Hiratsuka, and Rosyland Frazier. "The effect of primary care utilization on glycemic control and blood pressure control among AN/AI adults with diabetes," *Journal of the American Board of Family Medicine*, in press.

Matthew Berman, "Suicide among young Alaska Native men: Community risk factors and alcohol control," *American Journal of Public Health*, 104(S3): S329–S335 (June 2014).

Matthew Berman, "Remoteness and Mobility: Transportation Routes, Technologies, and Sustainability in Arctic Communities," *Gumanitarnyye issledovaniya Vnutrenney Azii (Inner Asia Humanities Studies)*, 2013(2): 19-31.

E. Lance Howe, Lee Huskey, and Matthew D. Berman, "Migration in Arctic Alaska: Empirical Evidence of the Stepping Stones Hypothesis," *Migration Studies*, 2013; doi: 10.1093/migration/mnt017.

Schweitzer, P., Barnhardt, R., Berman, M., Kaplan, L. Inuit Regions of Alaska. 2014. Chapter 5 in Larsen, J.N., Schweitzer, P., Petrov, A. (eds) *Arctic Social Indicators ASI-II Implementation*, Stockholm, Nordic Council of Ministers. <http://www.svs.is/en/home/10-all-languages-content/22-the-arctic-social-indicators-project-asi-5>.

Matthew Berman, "Modeling Regional Dynamics of Human-Rangifer Systems: A Framework for Comparative Analysis," *Ecology and Society*, 18(4): 43. <http://dx.doi.org/10.5751/ES-05535-180443> (2013)

Gary Kofinas, Douglas Clark, Grete K. Hovelsrud, Lillian Alessa, Helene Amundsen, Matthew Berman, Fikret Berkes, F. Stuart Chapin III, Bruce Forbes, James Ford, Craig Gerlach, and Julia Olsen, "Adaptive and Transformative Capacity," Chapter 5 in Arctic Council, *Arctic Resilience Interim Report 2013*, Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm, 2013, pp. 73-93.

Craig Nicolson, Matthew Berman, Colin West, Gary Kofinas, Brad Griffith, Don Russell, Darcy Dugan, "Seasonal Climate Variation and Caribou Availability: Modeling Sequential Movement Using Satellite-Relocation Data." *Ecology and Society*, 18(2): 1. <http://dx.doi.org/10.5751/ES-05376-180201>.

Matthew Berman, "Household Harvesting, State Policy, and Migration: Evidence from the Survey of Living Conditions in the Arctic," in *Moved by the State*, Timothy Heleniak and Peter Schweitzer (eds.), in press.

Matthew Berman and Lance Howe, "Remoteness, transportation infrastructure, and urban-rural population movements in the Arctic," in Klaus Georg Hansen, Rasmus Ole Rasmussen and Ryan Weber (editors), *Proceedings from the First International Conference on Urbanisation of the Arctic*, 28-30 August 2012, Ilimmarfik, Nuuk, Greenland. Stockholm: Nordregio, 2013: 109-121.

Jack Kruse, Marie Lowe, Sharman Haley, Ginny Fay, Larry Hamilton, and Matthew Berman, "Arctic Observing Network Social Indicators Project: Overview." *Polar Geography*, 34 (1-2), Special Issue: Social Indicators for Observing Arctic Change (March-June 2011): 1-8.

Matthew Berman, "Next steps toward an Arctic human dimensions observing system." *Polar Geography*, 34 (1-2), Special Issue: Social Indicators for Observing Arctic Change (March-June 2011): 123-141.

Matthew Berman, "Moving or staying for the best part of life: Theory and evidence for the role of subsistence in migration and well-being of Arctic Inupiat residents." *Polar Geography*, 32 (1-2) (March 2009): 3-16.

Bradford Tuck, Matthew Berman, and Alexandra Hill. "Local Amenities, Unobserved Quality, and Market Clearing: Adjusting Teacher Compensation to Provide Equal Education Opportunities." *Economics of Education Review*, 28 (1): 58-66 (2009).

Jerry McBeath, Matthew Berman, Jonathan Rosenberg, and Mary Ehrlander. *Political Economy of Oil in Alaska: Multinationals vs. the State*. Boulder, CO: Lynne Rienner Publishers, 2008.

- Matthew Berman. "Endangered species, threatened fisheries: Science to the rescue! Evaluating the Congressionally designated Steller Sea Lion Research Program." *Marine Policy*, 32 (2008) 580-591.
- 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, November 2006, 23 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. "Modeling 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.

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

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

Rosylnd Frazier, Matthew Berman, Vanessa Hiratsuka, and Julia Smith. Effects of Patient Centered Medical Home Model Transformation on Diabetes Risk Factors and Complications. Submitted to Health Services Research, September 2013.

Matthew Berman, Vanessa Hiratsuka, and Rosylnd Frazier. Regular primary care and the cost of diabetes treatment: Effects of a Patient-Centered Medical Home program. Submitted for tribal review for approval to submit to Journal of Health Economics, July 2013.

#### Professional Papers Presented

"Remoteness and Mobility: Transportation Routes, Technologies, and Sustainability in Arctic Communities," presented to the conference on Promoting Sustainability in Russia's Arctic Cities, Washington, May 30-31, 2013.

"Climate Change and Adaptation to Climate Mitigation Policy in Remote Rural Regions," presented to the Western Regional Science Association Annual Meeting, Santa Barbara California, February 25-27, 2013.

"Comparing Migration Decisions of Inuit People in Arctic Canada and Alaska," presented to the Western Regional Science Association 2012 Annual Meeting, Poipu, HI, February 2012, with Lance Howe.

"Suicide among young Alaska Native men: Community risk factors and alcohol control," presented to the 15th International Conference for Circumpolar Health, Fairbanks, AK, August 2012.

"Remoteness, transportation infrastructure, and urban-rural population movements in the Arctic," presented to the Nordregio *Urbanisation of the Arctic* conference, Nuuk, Greenland, August 2012, with Lance Howe.

Matthew Berman, "Next steps toward an Arctic human dimensions observing system," presented to the Western Regional Science Association annual meeting, Monterey, CA, February 2011.

"Moving or Staying for the Best Part of Life: Theory and Evidence for the Role of Subsistence in Migration Decisions and Well-being of Arctic Inupiat Residents," presented at the International Congress of Arctic Social Scientists, Nuuk, Greenland, August 22-26, 2008.

"Theory and Evidence for the Role of Subsistence in Migration Decisions and Well-being of Alaska Inupiat Residents," presented at the BOREAS migration workshop, Umea, Sweden, June 7-9, 2008.

"Adaptation to Environmental Uncertainty and Resilient Social Systems," presented to the Resilience 2008 conference, Stockholm, Sweden, April 14-17, 2008.

"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 Association, 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.

"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.

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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

*Energy Policy Recommendations DRAFT FINAL REPORT*, ISER, with Steve Colt, Ginny Fay, and Sohrab Pathan, January 2013.

*Contribution of Land Conservation and Freshwater Resources to Residential Property Values in the Matanuska-Susitna Borough*, ISER, with Jeffrey Armagost, February 2013.

*Treatment of Petroleum Refining and Other Energy-Intensive and Trade-Sensitive Industries in Pending National Climate Legislation*, ISER, February 2010.

*Economic Valuation of Critical Habitat Closures*, principal author, with Edward Gregr, Gaku Ishimura, Ryan Coatta, Rowenna Flinn, U. Rashid Sumaila, and Andrew Trites, University of British Columbia Fisheries Centre Research Reports (FCRR) 2008, Vol. 16(8) 102 pp.

*Economic Valuation of Critical Habitat Closures*, principal author, with Edward Gregr, Gaku Ishimura, Ryan Coatta, Rowenna Flinn, U. Rashid Sumaila, and Andrew Trites, North Pacific Research Board Project 529 Final Report, June 2007.

*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.

*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.

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#### Teaching Activities

##### Graduate Courses

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

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