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EDUCATION

Ph.D., Economics, University of California, Berkeley, 1994
Fields of Concentration: Public Finance, Methodology and History of Economic Thought, and Labor
Dissertation Title: *Economic Methodology for Policy Analysis: The Modeling of Corporate Taxation*
B.A. (cum laude), Social Studies and Computer Science, Radcliffe College, Harvard University, 1974
International School of America, Asia, field study in Cultural Anthropology, 1971-72
University of Alaska, Juneau, 24 credits, Economics and Alaska Native Cultures, 1977-1983
University of Washington, Seattle, 12 credits, Economics and Management, 1976, 1984

TEACHING EXPERIENCE

2006-present: Professor, Program in Public Administration, College of Business and Public Policy, University of Alaska Anchorage
Courses taught: Research Methods
2001-2006: Associate professor, Program in Public Administration, College of Business and Public Policy, University of Alaska Anchorage
Courses taught: Research Methods
1994-2000: Assistant professor, Program in Public Administration, College of Business and Public Policy, University of Alaska Anchorage
Courses taught: Research Methods, Natural Resource Policy, Policy Analysis, Program Evaluation, and Current Issues in Public Policy, specifically including Race Class and Culture in Public Policy, and Alaska Native Self-Governance and Intergovernmental Relations
1993: Instructor, Environmental Economics, Department of Environmental Studies, Merritt College, Oakland, California
1987-90: Co-coordinator and team teacher, Econ 98/198: Alternative Approaches to Economics, Department of Economics, U.C. Berkeley
1986: Teaching assistant, Principles of Economics, Department of Economics, U.C. Berkeley

RESEARCH EXPERIENCE

2006-present: Professor, Institute of Social and Economic Research (ISER), University of Alaska Anchorage.
Research: human dimensions of mineral development in the Arctic; Arctic business and community development; rural health program evaluation and simulation modeling.

2001-2006: Associate Professor, Institute of Social and Economic Research (ISER), University of Alaska Anchorage.

Research: human dimensions of oil and gas development in the Arctic; economics experiments on information and tax policy; Alaska fiscal policy; program evaluation for rural sanitation and urban homeless programs.

10/2000-4/2001: Visiting associate professor, Energy Policy and Planning Program, Federal University of Rio de Janeiro.

Research: Stakeholder relations and community involvement practices in the oil industry in the western Amazon.

1994-2000: Assistant professor, Institute of Social and Economic Research (ISER), University of Alaska Anchorage.

Research: Travel cost analysis of sport fishing; cost-benefit analysis of sport-commercial fish allocation; economic value of job satisfaction; program evaluation for rural sanitation operations, maintenance and management; community development modeling; outcomes assessment in higher education

1994: Research associate, Institute of Social and Economic Research

Research: Travel cost analysis of sport fishing

1979-1993: Consultant. *Contracts included:*

David Reaume, Alaska Economics Inc., Juneau, Alaska

Analysis of the Alaska investment climate in the early 1980s, for the FDIC

William Dickens, Dickens and Associates, Berkeley, California

Socio-economic impacts of non-union construction for the Trade Unions Council

Alaska Department of Commerce, Division of Enterprise

Chapter providing overview and analysis of state revenues and expenditures.

Southeast Alaska Conservation Council, Juneau, Alaska

Analysis of economic issues relating to timber management in the Tongass National Forest

U.S. Forest Service, Region 10, Juneau, Alaska

Inventory of socio-economic data resources and compilation of a preliminary data file

Juneau Women's Resource Center and Family Centered Birth, Juneau, Alaska

Sample survey and analysis of the need for health services

Alaska Public Interest Research Group and Health Care Advocates, Anchorage Alaska

Legislative research and drafting on state health insurance programs

Wagstaff, Middleton and Pope, and Carpenetti and Council, Juneau, Alaska

Legal research in parliamentary law, employment law and Constitutional law.

1984-1985: Senior policy analyst, House Research Agency, Alaska State Legislature

Work included: Policy research and analysis on diverse legislative issues, with local expertise in economic and legal analysis and microcomputing.

1982-1984: Special assistant, Alaska Commercial Fisheries Entry Commission

Work included: Oversee agency litigation, legislation, and regulation changes; develop digest of limited entry law; policy analysis as assigned; computer applications in SAS.

1980: Survey interviewer, Juneau, Alaska

Study of the effectiveness of public service advertising on alcohol consumption and attitudes

1976-1979: Policy analyst, Legislative Affairs Agency, Alaska State Legislature

Work included: Policy research and analysis on diverse legislative issues, with expertise in health and social services and computer graphics programming

PUBLICATIONS

“The Impact of Resource Development on Social Ties: Theory and Methods for Assessment,” with James Magdanz, Chapter 2 in *Indigenous Peoples, Corporate Social Responsibility and Resource Development*, eds. Ciaran O’Faircheallaigh and Saleem Ali, Dias Greenleaf Publishers forthcoming December, 2008.

“Expanding Oil and Gas Activities on the North Slope of Alaska,” with Aslaug Mikkelsen, Chapter 7 in *Arctic Oil and Gas: The Challenges of Sustainable Development*, eds. Aslaug Mikkelsen and Oluf Langhelle, Frances and Taylor: London, August 2008.

“Estimated Household Costs for Home Energy Use,” Web Note 1, Revised June 24, 2008, with Ben Saylor and Nick Szymoniak. Institute of Social and Economic Research

<http://iser.uaa.alaska.edu/Publications/webnote/LLFuelcostupdatefinal.pdf>.

“Social and Economic Effects of Oil and Gas Activities in the Arctic”, with Michael Baffrey, Henry Huntington et al., Chapter 3 in *Assessment of Potential Effects of Oil and Gas Activities in the Arctic*, a report of the Arctic Monitoring and Assessment Programme of the Arctic Council, 2008. <http://www.amap.no/oga/>

Viable Business Enterprises for Rural Alaska: Community Factors and Entrepreneurial Strategies, with Virginia Fay, Jane Angvik and Cami Woolam. ISER 2008. <http://ced.uaa.alaska.edu/vibes/index.htm>

Effects of Rising Utility Costs on Household Budgets, 2000-2006, with Ben Saylor, prepared for USDA Rural Development, Alaska Office, ISER March 2007.

“Effective Local Institutions for Collective Action in Arctic Communities: Workshop Summary,” with David Natcher, Gary Kofinas and Walt Parker, *Northern Review*, #25/26 (Summer/Winter 2005) pp 259-273.

<http://www.iser.uaa.alaska.edu/Home/ResearchAreas/EffectiveAction/default.htm>

"Arctic Environments and Resource Governance," Chapter 7 of the *Arctic Human Development Report*, with Rick Caulfield, et al. Akureyri: Stefansson Arctic Institute, 2004.

http://www.svs.is/AHDR/AHDR%20chapters/AHDR_chp%207.pdf

“Institutional Assets for Negotiating the Terms of Development: Indigenous Collective Action and Oil in Ecuador and Alaska,” *Economic Development and Cultural Change*, vol. 53 no. 1, October 2004, pp. 191-213.

"Assessing the Sustainability of Arctic Communities: An Interdisciplinary Collaboration of Researchers and Local Knowledge Holders," with 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., 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. and Young, O.R. *Ecosystems*, October 2004, <http://www.springerlink.com/app/home/contribution.asp?wasp=524c8mqwwgcqyguq9evl&referrer=parent&backto=issue,7,11;journal,1,49;linkingpublicationresults,1:101552,1>.

“Understanding Alaska State Finance: What Citizens Want to Know and How to Convey that Information Effectively,” September 2003, <http://www.alaskaneconomy.uaa.alaska.edu/Publications/understandingakfinances.pdf>

"Understanding Alaska State Finances" a power point presentation with speakers' notes, downloadable in power point or pdf format, from <http://www.alaskaneeconomy.uaa.alaska.edu/Publications/StateFinances.ppt> .

Evaluation of the U.S. Army Corps of Engineers' Water and Sanitation Project in the Village of Buckland, Alaska: Phase 2, with Amy Wiita, prepared for U.S. Environmental Protection Agency, May 2003.

"Sustainable Development and Oil: Lessons from the Ecuadorian Amazon," *Cultural Survival Quarterly*, fall 2002.

Effectiveness and Fiscal Impact of Homeward Bound, (with Mary Killorin, Amy Wiita, Stephanie Martin, Alexandra Hill, and Priscilla Hensley), prepared for Homeward Bound Program, Rural Alaska Community Action Program, November 2001.

Effectiveness and Fiscal Impact of Homeward Bound for Alaska Native Clients, (with Mary Killorin, Amy Wiita, Stephanie Martin, Alexandra Hill, and Priscilla Hensley), prepared for Homeward Bound Program, Rural Alaska Community Action Program, November 2001.

Evaluation of the Alaska Native Health Board Sanitation Facility Operation and Maintenance Program: Final Report on Phase III Projects and the Program Overall, volumes I and II, prepared for Alaska Native Health Board and the U.S. Environmental Protection Agency, Office of Wastewater Management, September 2000.

Financing Water and Sewer Operations and Maintenance in Rural Alaska, prepared for Alaska Department of Environmental Conservation and the U.S. Environmental Protection Agency, Office of Wastewater Management, September 2000.

<http://www.iser.uaa.alaska.edu/AkNativeandRuralStudies/FinancingWS/TableOfContents.htm>

"Evaluation of the ANHB Sanitation Facility O&M Program, Phase II," in *Fifth Annual Research and Development Conference on Rural Sanitation: Proceedings*, Alaska Water and Wastewater Management Association, April 2000.

Evaluation of the Alaska Native Health Board Sanitation Facility Operation and Maintenance Program: Final Report on Phase II Projects, volumes I and II, prepared for Alaska Native Health Board and the U.S. Environmental Protection Agency, Office of Wastewater Management, February 2000.

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

"Drainage Pierces ANWR in Study Scenario," (with Arlon R. Tussing) in *Oil and Gas Journal*, July 5, 1999.

"Evaluation of the ANHB Sanitation Facility O&M Program," in *Fourth Annual Research and Development Conference On Rural Sanitation: Proceedings*, Alaska Water and Wastewater Management Association, April 1999, pp 18-25.

Evaluation of the Alaska Native Health Board Sanitation Facility Operation and Maintenance Program: Final Report on Phase I Projects, prepared for Alaska Native Health Board and the U.S. Environmental Protection Agency, April 1999.

Scenario Structure and Rationale: Petroleum Development in the Eastern Alaska Arctic in and around the ANWR Coastal Plain (with Arlon Tussing) <http://taiga.net/sustain/lib/reports/oildevelopment.pdf>.

Evaluation of the Alaska Native Health Board Sanitation Facility Operation and Maintenance Program: First Year Report on Phase II Projects, volumes I and II, for the U.S. Environmental Protection Agency, August 1998.

UAA Masters of Public Administration Program Evaluation: Phase I (with Kristin Erchinger, Kate Gressens, Thomas McNulty, Jordan Trigler, and Lynn Wallis), for the Department of Public Administration, University of Alaska Anchorage, January, 1998.

“Estimating Net Benefits of Reallocation: Discrete Choice Models of Sport and Commercial Fishing” (with Matt Berman, and Hong Jin Kim), *Marine Resource Economics*, 12(4): 307-327, 1997.

Evaluation of the Alaska Native Health Board Sanitation Facility Operation and Maintenance Program and Nine Community Pilot Projects: First Year Report, for the U.S. Environmental Protection Agency, January 1997.

Economic Effects of Management Changes for Kenai River Late-Run Sockeye (with Matt Berman, Gunnar Knapp, and others), for Alaska Department of Fish and Game, January 1996.

Economic Methodology for Policy Analysis: The Modeling of Corporate Taxation, doctoral dissertation, University of California, Berkeley, 1994.

“The Investment Climate in Alaska, 1977-1986,” Chapter III in *The Alaska Economy 1977 to 1990: Forecast and Performance*, David M. Reaume, Juneau, Alaska, August 30, 1991.

“Alaska Public Finance Policy.” Chapter 6 in *The Alaska Economy: An Overview*, Alaska Department of Commerce and Economic Development, September 1987.

Health Care and Childbirth Survey: Final Report, Juneau Women’s Resource Center and Family Centered Birth, Inc., 1982.

Identification of Social and Economic Information Sources for Environmental Impact Assessment and an Initial File of Available Data, prepared for U.S. Forest Service, Alaska Region, Division of Planning, Programming and Budgeting, January 25, 1981.

Economic Aspects of Timber Management Planning in the Tongass National Forest, Southeast Alaska Conservation Council, 1980.

Welfare in Alaska: AFDC Reform or Withdrawal, co-authored with Deborah Behr, Legislative Affairs Agency, 1978.

Third Party Health Coverage in Alaska, Legislative Affairs Agency, 1977.

PAPERS AND PRESENTATIONS

“Business Enterprises in Rural Alaska: Community Factors,” With Virginia Frances Fay. Paper presented at the International Congress of Arctic Social Sciences VI, Nuuk, Greenland, August 26, 2008.

“Social Capital and Adaptation in Arctic Communities: A Network Analysis” Paper presented to the International Congress of Arctic Social Sciences VI, Nuuk, Greenland, August 23, 2008.

“The value of evidence-based computer simulation of oral health outcomes for management analysis of the Alaska dental health aide program” with Dan Kiley, Ben Saylor and Brian Saylor. Under review at the *Journal of Public Health Dentistry*, July 2008.

“Viable Business Enterprises for Rural Alaska” with Jane Angvik and Ginny Fay. Presentations to Southwest Alaska Municipal Conference annual meeting, January, 2008; ISER brown-bag seminar March 6, 2008; Denali Commission, Economic Development Advisory Group, March 19, 2008; Women in Business lunch, May, 2008.

Effects of Rising Utility Costs on Household Budgets, 2000-2006, presentation to the Alaska Rural Energy Conference, April 24, 2007.

“The Impact of Resource Development on Social Ties: Theory and Methods for Assessment,” with James Magdanz, paper presented at the Society for Applied Anthropology annual meeting, March 29, 2007.

“The Methodology and Rationale for Scenarios,” with Gary Kofinas et al., in preparation as Chapter 4 in *Sustainability of Arctic Communities: An Integrated Assessment of Change*, ed. Matt Berman and Gary Kofinas.

“Public Policy and Institutional Capacity for Community and Regional Sustainability,” with Gary Kofinas et al., in preparation as Chapter 10 in *Sustainability of Arctic Communities: An Integrated Assessment of Change*, ed. Matt Berman and Gary Kofinas.

“Evaluation of the ANTHC Dental Health Aide Program, Phase I: Village Level Model of Clinical Impacts,” poster prepared for the ANTHC research conference, March 30, 2006.

“Adapting to Economic Change: Local Employment Effects of Large Scale Resource Development,” presentation to the annual meeting of the Society for Applied Anthropology, March, 2006.

“Fairness, Information and Coalition Building in Tax Policy: An Experimental Approach” with Amy Lovecraft and Bogdan Hoanca, submitted to *Political Review Quarterly*, 2005.

“Local Control and Impacts of Oil and Gas Development: Nuiqsut Case Study,” presentation to the International Conference on Environmental, Cultural Economic and Social Sustainability, February 25-27, 2005.

“Fairness, Information and Coalition Building in Tax Policy: An Experimental Approach” with Bogdan Hoanca and Amy Lovecraft, working paper presented to the Economic Science Association Meeting, November 4, 2004.

“Institutional Assets for Community and Regional Resilience under Forces for Change,” with Gary Kofinas, working paper presented to the Arctic Science Conference, Anchorage Session, September 30, 2004.

“Institutional Assets for Community and Regional Management of Forces for Change,” with Gary Kofinas, working paper presented to the International Congress of Arctic Social Sciences meeting, May 21, 2004.

“Local Control and Impacts of Oil and Gas Development: Nuiqsut Case Study” working paper presented to the Western Regional Science Association Conference, February 28, 2004.

“The Effects of State Revenue Options on Alaska Households,” presentation to the International Association for Energy Economics, February 17, 2004.

“The Sustainability of Arctic Communities Project: Collaboration between Researchers and Local Knowledge Holders” presentation to the Yukon North Slope Conference, Inuvik, Northwest Territories, November 19, 2003.

“Effects of Oil and Gas Development on Communities: Lessons from Alaska and Nuiqsut,” presentation to the Yukon North Slope Conference, Inuvik, Northwest Territories, November 20, 2003.

“Applications of Experimental Social Science to Alaska Fiscal Policy,” with Amy L. Lovecraft and Bogdan Hoanca, working paper, August 27, 2003.

“Research Perspectives on Effective Local Institutions for Collective Action,” presentation to the Effective Local Institutions for Collective Action in Arctic Communities Workshop, June 21, 2003.

Presentation on “Understanding Alaska State Finances” to the Alaska Common Ground forum on Alaska’s Fiscal Future, February 20, 2003, in Juneau, and broadcast on KTOO-TV *Gavel to Gavel, Alaska*.

“Communities and Corporations: Leveraging Oil and Gas for Sustainable Local Development,” presentation to the Western Regional Science Association Conference, February 20, 2002.

“Community Relations in the Oil Industry in the Upper Amazon Basin,” presentation to the ISER seminar series, May 14, 2001.

“Envolvimento da Comunidade: Mitigando Impactos Sociais e de Meio Ambiente para Exploração dos Hidrocarbonos,” presentation (in Portuguese) at the Energy Planning Program of the Federal University of Rio de Janeiro, April 11, 2001.

“Integrated Assessment for Arctic Communities: Science and Politics in Modeling Oil Development,” presentation as part of the seminar series on environmental management in the petroleum industry, at the Federal University of Rio de Janeiro, December 18, 2000.

“From the Arctic to Amazonia: Social Impacts of Oil and Gas Exploration and Development in Remote Regions,” funded proposal for sabbatical study and research, University of Alaska Anchorage, revised August, 2000.

“Evaluation of the ANHB Sanitation Facility O&M Program, Phase II,” invited paper presented to the Alaska Water and Wastewater Management Association Research and Development Conference, April 25, 2000.

“Estimating Worker Satisfaction Bonus: An Application of the Random Utility Model,” (with Matt Berman) draft for submission to *Economic Inquiry*, December, 1999.

“Sustainability of Arctic Communities: An Interdisciplinary Collaboration of Researchers and Local Knowledge Holders,” (with Jack Kruse et al.) paper presented at the Arctic Science Conference, September 19-22, 1999.

“Evaluation of the ANHB Sanitation Facility O&M Program,” invited paper presented to the Alaska Water and Wastewater Management Association Research and Development Conference, April 27, 1999.

“Cross Cultural Issues in Village Administration: Observations on Water and Sanitation Operations and Management in Western Alaska,” (with Taylor Brelsford) paper presented at the Western Regional Science Association Conference, February 23, 1999.

“Valuation of Wilderness Resources” invited panel presentation for the Alaska Wilderness Recreation and Tourism Association conference, Alaska Pacific University, 1998.

“Healing Racism in Anchorage: a Workshop,” evaluation for Alaska Humanities Forum, 1998.

“Impacts of Development on Arctic Communities: Scenarios for Oil and Gas, Road Access and Tourism,” paper presented to the Western Regional Science Association meeting, February 21, 1998.

“Building Strong Local Governments: the Alaska Model,” presentation to the International Conference on Federalism and the North: in Search of a New Model, Magadan, Russia, June 23, 1997.

Invited participant in the Alaska Sustainability Forum sponsored by the Pacific Northwest Regional Council of the President’s Council on Sustainable Development, May 29- June 2, 1997; gave presentation on “Sustainability of Arctic Communities Project.”

“Economic Impacts and Net Benefits of Non-Resident Fishing in Alaska,” paper presented to the Western Regional Science Association meeting, February 24, 1997.

“Estimating Net Benefits of Reallocation: Discrete Choice Models of Sport and Commercial Fishing,” presentation to the Alaska Chapter, American Fisheries Society Meeting, November 20, 1996.

Presentation to the Conference on Applied Statistics, June 27, 1996 on the Cook Inlet sockeye allocation study.

“From Positivism to Pragmatism: Economic Methodology for Policy Analysis” submitted to the Journal of Economic Methodology, 1995.

PROFESSIONAL SERVICE

Workshop Organizer for the Effective Local Institutions for Collective Action Workshop, funded by the National Science Foundation, June 2003.

National review panel for graduate fellowships in environmental decision making for the US Environmental Protection Agency (Feb. '00).

Healthy Anchorage Indicators Project technical advisory committee.

Coordinating committee for the Alaska Native Health Board Rural Sanitation Demonstration Projects.

AWARDS AND HONORS

Fulbright Scholar Fellowship, Norway, August-November, 2007.

Fellow, Society for Applied Anthropology, elected in 2007.

Nominated for Teaching Excellence Award, 2000.

University of California Affirmative Action Dissertation-Year Fellowship, 1992-1993.

PROFESSIONAL AFFILIATIONS

Society for Applied Anthropology

International Arctic Social Sciences Association

International Association for Energy Economics

Western Regional Science Association