



Jonathan King

Consulting Economist/Certified Professional Coach

Education

Master of Science,
Department of
Environmental and
Natural Resource
Economics
University of Rhode
Island, 2002

Bachelor of Arts,
Economics/
Environmental Studies
Summa Cum Laude,
St. Lawrence University,
1996

Years of
Experience
22

Certifications

Certified Professional
Coach, Institute for
Professional Excellence
in Coaching, 2018

Change Leadership, ILR
School, Cornell
University 2016

Professional Experience

Jonathan King is a professional economics consultant with 22 years of experience, 15 in Alaska. His experience covers fisheries, socioeconomic changes, rural transportation, aviation, quantitative forecasting, taxation/revenue generation, and he has worked on many of the large infrastructure and energy project proposed in Alaska in the last 15 years. He frequently contributes to analysis and forecasting of Alaska's economy and presents findings in venues such as the meetings of the Alaska Support Industry Alliance, the Alaska Municipal League, the Alaska Planning Association, the Southwest Alaska Municipal Conference, the Resource Development Council, and other professional affiliations. In 2018, after 400 hours and 8 months of study, Jonathan earned his Certification in Professional Coaching. Whether coaching or consulting Jonathan creates the conditions for his clients to find that "Aha!" moment that enhances their drive and focus to move forward.

Professional Experience

July 2017-Present

Founder, Halcyon Consulting

October 2017-October 2018

Senate Finance Aide, Office of Senator von Imhof, District L

October 2012-July 2017

Vice-President, Northern Economics, Inc.

June 2008 – October 2012

Principal and Senior Economist, Northern Economics, Inc.

December 2006 – May 2008

Senior Economist, Northern Economics, Inc.

March 2003 – December 2006

Economist, Northern Economics, Inc.

Summer 2001– March 2003

Environmental Analyst, J.L. Anderson Associates, Kingston, RI

Fall 2000-Summer 2002

Research Assistant, Dept. of Environmental & Natural Resource Economics, University of Rhode Island

September 1996 – July 2000

Economist, Triangle Economic Research, Durham, NC.

References

Matt Mead, Landye Bennett Blumstein LLP, 907-276-5152

Tom Lovas, Energy and Resource Economics, 907-351-7846

2003-2018 Project Experience-Chronological by Start Date

Pebble Project Environmental Impact Statement (2018-Ongoing). *Commercial and Recreational Fisheries Expert:* Subject-matter expert on commercial and recreational fisheries in Bristol Bay, Alaska responsible for describing existing conditions, impacts, and cumulative effects. *Client: AECOM*

Understanding Alaska's PEAKS Educational Assessment Scores and the Effect of Socioeconomic Status (2018). *Author:* Analyzed 2016-2017 Performance Evaluation for Alaska Schools (PEAKS) data and the effect of aggregate socioeconomic conditions on school and district performance. Conducted interviews with superintendents of high performing districts to see what factors enabled their performance. *Client: The Office of State Senator Natasha von Imhof as a Staffer.*

Medicaid in Alaska: Ten 2-Page Papers Explaining Alaska's Largest Program (2018). *Author:* Developed and authored an institutional knowledge building report which explains Medicaid in Alaska in 10 easy to understand 2-page papers. *Client: The Office of State Senator Natasha von Imhof as a Staffer.*

2017/2018 Compensation Study (2017-2018). *Project Manager:* Compared compensation packages for employees of the Northwest Arctic Borough with compensation packages of municipal employees across the state of Alaska. *Client: Northwest Arctic Borough*

Economic Contribution of the Alaska Native Tribal Health System (2017). *Project Manager:* Worked with the Alaska Native Health Board to develop, administer, and analyzed an expenditure survey of Alaska-based HIS Compact Signors. The analysis used IMPLAN software to estimate total economic impact of the Alaska Tribal Health System in 2017. *Client: Alaska Native Health Board*

Nuiqsut Subsistence Study. (2017). *Project Manager:* Developed a series of multi-stage econometric models of monthly historical electrical sales on the Island of Kauai across five different consumer classes. Then developed a series of reasonably foreseeable future growth rates for elements such as population, tourism, growth in consume solar, etc. and then used the models and future conditions to estimate annual consumption patterns through 2048. *Client: ConocoPhillips*

30-Year Utility Load Forecast. (2016-2018). *Project Manager:* Developed a series of multi-stage econometric models of monthly historical electrical sales on the Island of Kauai across five different consumer classes. Then developed a series of reasonably foreseeable future growth rates for elements such as population, tourism, growth in consume solar, etc. and then used the models and future conditions to estimate annual consumption patterns through 2048. *Client: Energy and Resource Economics for the Kauai Island Utility Cooperative*

ASD Demographics Anchorage School District 2016 Demographic Projections (2016-2017). *Project Manager:* The Anchorage School District contracted with Northern Economics to update and improve its demographic projection capacity in order to generate more accurate district-wide K-12 enrollment projections. The approach developed for this project used more robust data provided in the State of Alaska Permanent Fund Dividend application system to reduce historic prediction error by up to 80 percent. *Client: Anchorage School District*

An Initial Review Draft/Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for a Regulatory Amendment for the Charter Halibut Recreational Quota Entity and Charter Halibut Permit Recency Action. (2015-2016) *Project Manager:* Assessed the potential social and economic implications of a potential Charter Halibut Recreational Quota Entity Program and assessed trends in Charter Halibut Permits usage and latency. *QS. Client: North Pacific Fishery Management Council.*

Yukon Kuskokwim Health Corporation Housing Plan. (2015-2016) *NEI Project Manager:* Surveyed and assessed the housing attitudes and preferences of current YKHC employees in preparation for an upcoming Indian Health Service-approved expansion of the hospital. Tasks included a site visit to Bethel, Alaska; a review of

publicly available data from sources such as the U.S. Census Bureau and the Alaska Multiple Listing Service; a series of key informant interviews with realtors, YKHC administrators, and others; and the design and administration of an online survey; and cleaning and analysis of the survey data including statistical modeling. *Client: ARCADIS for Yukon Kuskokwim Health Corporation*

North Pole Strategic Plan. (2015-2016) *Project Manager:* Northern Economics was part of the team that completed the City of North Pole's current strategic plan. NEI's role included a benchmark analysis of the city's population, revenues and expenditures compared to other Alaska communities as well as an economic analysis of two areas being considered for annexation. The revenue analysis included a tax revenue comparison for North Pole and three principal peer communities. The expenditure comparison looked at general administrative expenditures, police and fire service, and public works. The areas being considered for annexation were assessed by population, primary use and tax status, and estimated revenues. *Client: City of North Pole*

City of Soldotna Annexation Alternatives Analysis. (2015-2016) *Project Manager:* Northern Economics, in association with Agnew::Beck, assisted the city with its planning by providing an analysis of the fiscal effects of annexing selected areas adjacent to the current city boundaries. The study included working with the city to identify potential annexation areas, comparing those areas against Local Boundary Commission standards, analyzing the fiscal effects of annexation by potential annexation area, and communicating the results of the project to the City and its citizens. *Client: City of Soldotna*

Bristol Bay Regional Seafood Development Association Permit Buyback Review Anchorage, Alaska (2015). *Project Manager:* Described the process through which a permit buyback could occur in the Bristol Bay salmon gillnet fishery. The analysis included modeling of expected costs and returns to remaining permit holders as well as estimating the effect of a buyback on permit prices. *Client: Bristol Bay Regional Seafood Development Association*

Senior Housing and Services Market Demand Study. (2014) Northern Economics was part of a team that forecast demand for senior housing and services in Juneau, Alaska, with an emphasis on assisted living. Our work analyzed historic and projected population, age distribution, labor force participation, state retiree status, and migration trends. Northern Economics also employed a multiple logistic regression analysis to examine demographic variables' effect on the likelihood of staying in the City and Borough of Juneau after retirement. *Client: Agnew Beck and the Juneau Economic Development Council.*

Revenue Options Analysis, Northwest Arctic Borough, Alaska (2014). *Project Manager:* This analysis developed revenue projections for a range of revenue generation options for the NAB including sales, business, cigarette, alcohol, property, and gross and net mining taxes. *Client: Northwest Arctic Borough*

Child Care Costs Analysis. (2013-2014) *Project Manager:* Project for thread, a non-profit that promotes accessible, affordable and quality early care and learning for families and early educators throughout Alaska. Northern Economics assisted thread in establishing a connection between how much child care providers were spending per child and the quality of care provided. This effort helped establish proof that better care for children costs more to deliver. This project is part of an overarching effort by thread to establish systems that can incentivize providers to provide better care and participate in thread's quality rating system. *Client: thread Alaska*

Squamish Seafoods Business Plan (2013-2014). *Project Manager:* Northern Economics assisted Squamish Seafood Enterprises (SSE) with a 10-year business plan for expanding its operations and producing more sustainable seafood. SSE is interested in developing several new complementary business lines to expand upon its current principal business line harvesting and packaging wild geoduck from the Squamish Tribe's share of Washington's wild geoduck fishery. The completed business plan outlines a way for SSE to leverage its core business and suggests a roadmap for SSE to transform itself from being a successful, one-product firm to a more diversified, stable, and profitable producer of a wide array of shellfish products. (Project Manager). *Client: Squamish Seafood Enterprises*

Enhancing Student Learning and Performance: 2013 Statewide Survey (2013). *Project Manager:* Conducted a

nearly 1,200-respondent statewide survey of Alaska teachers and an 800-respondent statewide survey of Alaska households on issues facing teachers, students, schools, and communities. Tasks included survey design, data analysis, and comparison of the teacher and household surveys.

An econometric model of the impact of management changes on the price of Bristol Bay set gillnet permit prices, for the Bristol Bay Economic Development Corporation, Alaska (2013). *Internal Reviewer:* Northern Economics conducted a review of changes in set gillnet prices for the Bristol Bay Economic Development Corporation. *Client: Bristol Bay Economic Development Corporation.*

Yukon to Kuskokwim Freight and Energy Corridor Study, Alaska (2013-2016). *NEI Project Manager:* Northern Economics assisted CH2M Hill with preparing the Yukon to Kuskokwim Transportation Corridor Analysis for the Association of Village Council Presidents. The study analyzed the technical feasibility, and the economic, social, and fiscal benefits of, linking the Yukon River Basin with the Kuskokwim River Basin via a developed transportation corridor located at the closest point between the two rivers. Northern Economics took lead in analyzing the economic and fiscal benefits including estimating potential change in freight delivery costs and overall effects on local costs of living. *Client: Association of Village Council Presidents*

Kake to Petersburg Road Access Study, Alaska (2013-2015). *NEI Project Manager:* The purpose of the Kake Access Project is to assess the purpose and need of a road corridor from Kake, Alaska on Kurpeanof Island to Petersburg, Alaska on Mitkoff Island. The study includes a review of prior work, community interviews, a telephone survey of local residents, travel demand estimation, and a high-level assessment of the benefits and effects of the proposed corridor. *Client: Alaska Department of Transportation and Public Facilities, Southeast Region.*

Susitna-Watana Dam Project, Alaska (2013 - 2017). *Project Manager and Socioeconomic Lead:* Overarching work included assessment of existing conditions, fiscal impact models, socioeconomic impact models, and management of the recreational Random Utility Model (i.e., recreational impacts modeling). *Client: AIDEA*

Road to Tanana Economic Analysis, Alaska (2012-2013). *Project Manager:* The purpose this project was to estimate the benefits and economic changes associated with connecting Tanana to Manley, Alaska via road. *Client: Alaska Department of Transportation and Public Facilities, Northern Region.*

Residential Household Survey, Natural Gas in the Fairbanks North Star Borough (2012). *Survey Administration and Analysis Manager:* This study for the Interior Gas Utility surveyed Fairbanks residents to collect data on average annual energy use per residential unit, from all sources (i.e., heating oil, wood, other); the typical age of existing fuel oil heating units and type (i.e., boiler, furnace, stove); the likely conversion rate from current heating to natural gas heat based on pricing; the number of heat conversion participants and amount of assistance required for home conversion; and the level of interest and expected participation in heating system change-out assistance programs through direct state loans or as an add-on to gas utility bills. *Client: Interior Gas Utility*

Solomon Falls Business Plan. (2012) *Project Manager:* Business viability study for the Valdez Fisheries Development Association to determine whether its Solomon Falls processing facility was advanced enough to become a self-sustaining business operation. Northern Economics prepared a business plan for Solomon Falls, while evaluating market potential and potential risk to the parent company. Tasks included market research (interviews), a site visit to Valdez, financial research (benchmarks), and projections of costs for full production status. *Client: Valdez Fishery Development Association*

A Review of Charter Halibut Management Measures (2011) *Project Manager:* Provided a historical overview of charter halibut management measures, potential management measures, and perceived/demonstrated efficacy for the purposes of bringing new Council members and stakeholders “up to speed” on the issues. *Client: North Pacific Fishery Management Council.*

Southwest Alaska Transportation Plan, Alaska (2010) *NEI Project Manager*: Provided support and analysis around the socioeconomic effects of potential projects assessed by the plan. *Client: Alaska Department of Transportation and Public Facilities.*

Interior Alaska Transportation Plan, Alaska (2010) *NEI Project Manager*: Estimated population by community under a variety of growth scenarios. *Client: Alaska Department of Transportation and Public Facilities.*

Issues in Selecting a Maximum Length Limit to Manage Charter Halibut in Times of Low Abundance (2009) *Project Manager*: A white paper discussing the challenges of using a maximum length limit to limit charter harvests in times of low biological abundance. *Client: North Pacific Fishery Management Council.*

South Fork Hydroelectric Power Loan Analysis. (2009-2010) *Project Manager*: This project conducted a life-cycle economic analysis of a proposed run-of-river on the South Fork of the Eagle River/Fishhook Creek in order to determine the suitability of a loan application to AEA's power project loan fund. *Client: Alaska Energy Authority.*

Fishhook Hydroelectric Power Loan Analysis (2009-2010). *Project Manager*: This project conducted a life-cycle economic analysis of a proposed run-of-river on the South Fork of the Eagle River/Fishhook Creek in order to determine the suitability of a loan application to AEA's power project loan fund. *Client: Alaska Energy Authority.*

A comparison of the manpower needs for a 30-inch natural gas pipeline and Alaska's labor supply (2008-2009). *Project Manager*: Examined several broad measures of labor supply for each of the specialized occupations identified as critical to the construction of a 30-inch Natural Gas pipeline within the State of Alaska. Measures included the total number of unique individuals who worked in each specialized occupation in Alaska between 2000 and 2003, average peak seasonal demand for these occupations in the Alaska economy, and number of in-state unemployment insurance claims, which is a rough measure of unutilized labor supply. The final work product included an estimate of how many out-of-state workers would be needed to complete the project given the factors above and the productive capacity of apprenticeship programs located in-state; for *Client: Michael J Baker Associates, for Alaska Natural Gas Development Authority (ANGDA).*

A historical overview of the importance of the Bristol Bay salmon fishery to the regional economy and the impact of declining participation of local residents. For the Bristol Bay Economic Development Corporation, Anchorage, Alaska (2009). *Internal Reviewer*: Northern Economics conducted a review of changes in participation rates and permit ownership within the Bristol Bay salmon fisheries over time. Jonathan served as a resource and review for junior staff working on the analysis. *Client: Bristol Bay Economic Development Corporation.*

Connecting the Glenn Highway to the Seward Highway, Alaska (2008 - 2010). *Project Manager*: Developed existing conditions and environmental justice sections for the Highway-to-Highway (H2H) EIS. The proposed project would have connected Anchorage's two major highways which are currently separated by significant traffic light areas into a seamless limited access highway. *Client: Alaska Department of Transportation and Public Facilities*

Red Dog Mine Payment In lieu of Taxes (PILT) Negotiations, Northwest Arctic Borough (NAB), Alaska (2008 – 2010 and 2014 - 2017). *Project Manager*: Supported ongoing negotiations for the 2015-2020 PILT, designed and built revenue generation models and analyzed Red Dog Mine and Teck financials to help the NAB understand the health of the mine and potential revenue amounts under various taxation/PILT structures. *Client: Northwest Arctic Borough*

Western Alaska Access Planning Study, Alaska (2008-2009). *Socioeconomic Lead*: Explored the benefits of a road from the Fairbanks Area to Nome including the potential for mining and resource development. Identified and documented known mineral, timber, and fish resources while describing socioeconomic conditions in potentially affected communities. *Client: Alaska Department of Transportation and Public Facilities.*

The Cape Blossom Economic Benefits Analysis, Alaska (2008-2010). *Project Manager*: Benefit-cost analysis

of the Kotzebue to Cape Blossom Road conducted for ADOTPF. Analyzed the potential economic and social benefits including the potential for reduced transportation costs, reduced fuel costs, access to subsistence resources, access to native allotments, increased public safety, and the potential for a deepwater port. *Alaska Department of Transportation and Public Facilities, Northern Region.*

Fairbanks North Star Borough Social Accounting Matrix (SAM) Validation. (2008) *NEI Project Manager:* Working as a subcontractor to Information Insights, LLC, Northern Economics, Inc. and Edward C Waters collaborated in assessing the Fairbanks North Star Borough (FNSB) Social Accounting Matrix, or SAM. The SAM was constructed using industry data from a 2006 IMPLAN model supplemented with data on employment, payroll and local expenditures by certain key industries and state and federal government entities in the region. The study team assessed the SAM to determine the appropriateness and consistency of its basic structure, data, underlying assumptions, and application. The assessment included a detailed examination of SAM accounts including industry aggregations, industry production functions, employment and payroll levels, total sales, and “leakages” or payments to recipients residing outside the Fairbanks North Star Borough. In addition, the team evaluated the assumptions and methods used to model the economic contributions of exogenous spending sectors and assess the reliability of model results. *Client: Edward C. Waters for the Fairbanks North Star Borough*

AWWU Financial Modeling (2008). *Peer Review:* Assisted with financial modeling of possible rate and cost alternatives of Anchorage’s Water and Wastewater Utility operations. *Client: Anchorage Water and Wastewater Utility*

Valley Community for Recycling Solutions. (2008) *Peer Review:* Assisted in survey design for an analysis to assist the not-for-profit VCRS, based in Wasilla, expand its operations and determine the needs to size its proposed facilities and operations to fit market needs. *Client: Valley Community for Recycling Solutions*

Bonding Practices Audit Review (2008). *Project Manager:* Validated a Washington State Auditor’s Office (WSAO) statistical analysis of the cost of general obligation education bonds conducted as part of a performance audit. Used probit and ordinary least squares models to confirm that WSAO staff conducted their analysis appropriately and to provide suggestions on how to improve the analysis. *Project Manager: Client: Washington State Auditor’s Office*

Methods of Mining Taxation, Northwest Arctic Borough, Alaska (2008). *Project Manager:* Provided a presentation to the Northwest Arctic Borough on methods used by municipalities and other government agencies to tax local mining resources. *Client: Northwest Arctic Borough*

Bristol Bay Regional Seafood Development Association Processor Survey, Alaska (2008 - 2016). *Project Manager:* Northern Economics has conducted a survey of major Bristol Bay processors to track changes in permit holder chilling of salmon prior to delivery to processors and to track the changing return to permit holders associated with increasing the average quality of fish delivered. Every year, all of the processors contacted for the survey have participated, giving us an unbroken and complete time series of changes in the fishery. *Client: Bristol Bay Seafood Development Association*

Fairbanks Commercial and Industrial Property Market Analysis. (2008) *Project Manager:* Analysis of the trends in the commercial and industrial property markets in the Fairbanks North Star Borough for a confidential client. The analysis involved extensive key informant interviews and review of commercial property appraisals and property life-cycle analyses. *Client: Fairbanks Economic Development Corporation*

Hillside District Plan (2007). *NEI Project Manager:* Hillside Survey. Designed, administered, and analyzed survey instrument to analyze community opinions, attitudes, and opinions related to Hillside issues such as land use, housing density, transportation, drainage, and water and wastewater. *Client: Municipality of Anchorage*

Seafood Harvesting Labor Data Project, Alaska (2006). *Project Manager:* This ongoing project For Southwest Alaska Municipal Conference (SWAMC) is being conducted to improve the availability and quality of data on. *Client: Southwest Alaska Municipal Conference*

Economic Benefits of a Proposed Development in northeastern Anchorage, Alaska. (2006) *Project Manager:* Estimated the economic benefits in jobs and property taxes of a proposed mixed-use development. The analysis also included estimating the cost to the Municipality of Anchorage of providing services to the development. *Client: P. O'B Montgomery*

An Analysis of a Proposed Tax Increment Financing District in south Anchorage, Alaska. (2006) *Project Manager:* Estimated the economic effects of a proposed tax increment financing district in Anchorage. *Client: Municipality of Anchorage.*

Environmental Impact Statement for the Proposed Knik Arm Crossing. (2006) *Analyst:* Designed the telephone survey used to estimate migratory patterns and overall population growth. Contributed to the analysis of impacts, including the fiscal impacts, of the crossing and its alignment options. For *Client: Knik Arm Bridge and Toll Authority*

Fiscal Effects of Detaching the Eagle River-Chugiak Area from the Municipality of Anchorage. (2006) *Project Manager:* Examined the potential fiscal effects of the communities of Eagle River and Chugiak, Alaska detaching from the current Municipality of Anchorage and joining to form their own borough (county). The study looks at the cost of providing services in both of the new hypothetical boroughs as well as revenues sources and estimates of new property tax rates for each of Anchorage's 57 taxation districts. *Client: Alaska Department of Commerce, Community and Economic Development*

Impacts of Realignments of Eielson Air Force Base and Fort Wainwright on the Fairbanks North Star Borough. (2006) *Analyst.* Survey of businesses and employers in the Fairbanks area about the characteristics of the local labor force and employer labor force needs as part of a study of the impacts of realignment of Eielson Air Force Base. *Client: Alaska Department of Labor and Workforce Development*

The Economic Effects of City Annexation in Palmer, Alaska. (2006) *Lead Analyst.* Estimated the overall fiscal effects associated with a phased annexation and incorporation of borough land. The analysis included estimating the cost of providing services and the revenues associated with potential real property and sales taxes. *Client: City of Palmer*

An Assessment of Product and Price Trends in the U.S. Market for Salmon Products. Analyzed the U.S. market for both wild and cultured salmon products through an analysis of market data and a series of extended interviews with market participants. (2005-2006). *Project Manager:* Conducted a national phone survey of wholesale and retail sale consumers of salmon to determine the perceptual differences between wild and cultured salmon products. The final deliverable explored and estimated the likely growth in product demand and regional differences in product perception. *Client: J.L. Anderson Associates.*

Proposed Knik Arm Crossing EIS, Alaska (2005 - 2006). *Socioeconomic Consultant Lead:* Designed the telephone survey used to estimate migratory patterns and overall population growth. Contributed to the analysis of impacts, including the fiscal impacts of the crossing and its alignment options. *Client: Knik Arm Bridge and Toll Authority.*

An Initial Review Draft/Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for a Regulatory Amendment to Implement a Compensated Reallocation of Halibut QS. (2005-2006) *Project Manager:* Analyzed potential options for changing the halibut IFQ program to allow charter operators or their agents to purchase QS. *Client: North Pacific Fishery Management Council.*

Economic Feasibility of Developing Shotgun Cove, Whittier, Alaska. (2005) *Project Manager:* Conducted a market analysis for property in a new town site in Shotgun Cove, near Whittier, Alaska. Estimate development costs and the result price per acre for the development to be feasible. *Client: City of Whittier*

Analysis of Species of Availability, Market Pricing, and Economic Feasibility of a Lower Bristol Bay Shore-Based Processing Facility, Location, Alaska (2005). *Project Manager:* Analyzed the feasibility of a shore-based

processing facility in lower Bristol Bay for a client that was interested in expanding their finfish and shellfish processing capabilities. *Client: Confidential*

Market Report and Non-Binding Price Formula for the 2005 Aleutian Island Brown King Crab Fishery. (2005)

Analyst: Created the non-binding price formula and market report for the newly rationalized Aleutian Island Brown King Crab Fishery. *Client: North Pacific Crab Arbitration Organization.*

California Salmon Initial Regulatory Flexibility Analysis (2004-2005). **Analyst:** Analyzed the impacts on small businesses from the designation of critical habitat for endangered or threatened salmon and steelhead runs in California. Conducted the analysis of data on affected entities and costs. *Client: NOAA Fisheries Southwest Region.*

Pacific Northwest Salmon Initial Regulatory Flexibility Analysis. (2004-2005). **Analyst:** Analyzed the impacts on small businesses from the designation of critical habitat for 13 endangered or threatened salmon and steelhead runs in the Pacific Northwest. Conducted the analysis of data on affected entities and costs. *Client: NOAA Fisheries Northwest Region.*

Central Anchorage Business District Comprehensive Plan and Land Use Regulation Revisions. (2004) **Analyst** Assisted with market analysis for retail sector in Central Business District. *Client: Municipality of Anchorage*

Economic Impacts of Saturday and Sunday Market in Downtown Anchorage. (2004) **Project Manager:** Determined the net benefit of an additional Market day in Downtown Anchorage, including the additional sales by vendors, impacts of existing businesses in the core business district, and attitudes and behavior of market visitors. Survey design, data collection, analysis of survey results, and presentation of findings. *Client: Anchorage Parking Authority*

An Assessment of the World Market for Geoduck and the Potential for Aquaculture Production. (2004) **Project Manager** Analyzed the world market for geoduck and the potential effect of aquaculture production from state lands on world prices. *Client: Washington Department of Natural Resources.*

Economic Assessment and Valuation of the Alaska Department of Fish and Game's Recreational Hatchery Program. (2004) **Project Manager:** Estimated the economic contributions recreational angling attributable to the State's Region II and III stocking programs. *Client: Alaska Department of Fish & Game.*

Evaluation of the Impacts on Commercial and Recreational Fisheries of Open-Loop LNG Systems in the Gulf of Mexico. (2004) **Analyst:** Evaluated the impacts on commercial and recreational fisheries of open-loop systems proposed for the regasification of liquid natural gas in the Gulf of Mexico. *Client: NOAA Fisheries Southeast Region.*

Environmental Assessment/Regulatory Impact Review/ Initial Regulatory Flexibility Analysis for a Regulatory Amendment Establishing Minimum Groundfish Retention Standards in the Bering Sea and Aleutian Island. (2004). **Analyst:** Analyzed the estimated effectiveness of various methods for ensuring minimum groundfish retention standards in the BSAI Groundfish fisheries. *Client: North Pacific Fishery Management Council*

Mountain View Land Use Study, Phase 1: Evaluation Multiple Land Uses on Heritage Land Bank Parcels 03-011 and 03-012. (2004) **Analyst:** Developed development scenarios based on market research for the for the Municipality of Anchorage's Heritage Land Bank, *Client: Municipality of Anchorage Heritage Land Bank*

Mountain View Land Use Study, Phase 2: (2004) **Analyst:** Financial analysis of residential development scenarios to aid decision makers in issuing a Request for Proposals to potential developers. *Client: Municipality of Anchorage Heritage Land Bank*

Community Impacts of Restructuring the Bristol Bay Salmon Fishery, Alaska (2004). **Analyst:** Estimated the community effects, including changes in jobs, wages, and population, of a variety of salmon fishery restructuring options. Saltonstall-Kennedy Grant. For the Bristol Bay Economic Development Corporation. *Client: Bristol Bay*

Economic Development Corporation.

Buckhorn Mountain Mine EIS, Washington (2003 - 2004). **Socioeconomic Consultant:** Contributed sections on fiscal conditions and land ownership and values to the affected environment section for an EIS. Client: Shaw Environmental

Environmental Assessment/Regulatory Impact Review/ Initial Regulatory Flexibility Analysis for Groundfish Retention Standards to the Fishery Management Plan for Groundfish in the Bering Sea and Aleutian Islands (2003). **Analyst** Client: North Pacific Fishery Management Council.

Book Chapters

“Trends in capture and aquaculture production.” James L. Anderson, Jonathan R. King, and Josue Martinez-Garmendia in *The International Seafood Trade*, Woodhead Publishing Ltd., Cambridge, England. 2003.

“Trade by major seafood group.” James L. Anderson, Josue Martinez-Garmendia, and Jonathan R. King in *The International Seafood Trade*, Woodhead Publishing Ltd., Cambridge, England. 2003.

“Institutions and measures of importance to international trade in seafood.” Jonathan R. King and James L. Anderson in *The International Seafood Trade*, Woodhead Publishing Ltd., Cambridge, England. 2003.

Peer Reviewed Publications

“From Cannery to Culinary Luxury: The evolution of the global geoduck market”, Gina L. Shamshak and Jonathan R. King. *Journal of Marine Policy*. January 2015.

“Marginal Property Tax Effects of Conservation Easements: A Vermont Case Study.” Jonathan R. King and Christopher M. Anderson. *American Journal of Agricultural Economics*. August 2004.

“Equilibrium Behavior in a Conservation Easement Game.” Christopher M. Anderson and Jonathan R. King. *Journal of Land Economics*. November 2004.

Selected Peer Presentations

King, Jonathan. “China Squeeze: When Your Largest Market Says No!” North American Association of Fishery Economists. Ketchikan, AK May 2015.

King, Jonathan. “The Evolution of the World Geoduck Market” North American Association of Fishery Economists. Honolulu, HI May 2011.

King, Jonathan. “World Geoduck Market Update.” Northwest Indian Fisheries Commission and the Washington Department of Natural Resources. SeaTac, WA, 2007.

King, Jonathan. “Cultured Geoduck Production and Implications for Puget Sound Treaty Tribes.” Northwest Indian Fisheries Commission. SeaTac, WA, 2005.

King, Jonathan. “The World Geoduck Market and Implications for Washington Culture Producers.” Washington Sea Grant 13th Conference for Shellfish Growers. Shelton, WA, 2005.

Hartley, Marcus and Jonathan King. “Rights-Based Management and Bycatch Rates.” NOAA Fisheries Managing the Nation’s Marine Fisheries Conference. Washington, DC, 2003.