Dr. Harold J. Geiger
St. Hubert Research Group
[redacted]

EMPLOYMENT

October 2007 – present: Co-owner of the St. Hubert Research Group, a small business in Southeast Alaska offering assistance with scientific writing; assistance with the planning and analysis of scientific sampling studies; and assistance with problems in statistics, fisheries, and environmental science.

July 2001 – July 2007: Salmon stock assessment research supervisor for the Southeast Region of the Alaska Department of Fish and Game, Commercial Fisheries Division.

May 1997 – July 2001: Chief biometrician with the Alaska Department of Fish and Game, Commercial Fisheries Division.

March 1988 – May 1997: Statewide salmon biometrician with the Alaska Department of Fish and Game, Commercial Fisheries Division.

Dec. 1982 – March 1988: Biometrician with the Alaska Dept. of Fish and Game, FRED Division.

Sept. 1980 – Dec. 1982: Mathematical statistician with the Statistical Reporting Service of the U.S. Dept. of Agriculture, Madison Wisconsin.

Sept. 1978 – June 1980: Teaching assistant, Department of Statistics, and research assistant, Department of Agricultural and Resource Economics, Oregon State University.

EDUCATION

Ph.D. (fisheries), University of Alaska Fairbanks.

M.S. (statistics), Oregon State University.

B.S. (mathematics), Oregon State University.

OTHER

President of the board of directors of the Foundation for End of Life Care—a nonprofit foundation detected to supporting hospice, bereavement care, and community education about the end of life. Joined the Board in 2007.

Invited panel member for an independent review of the research leading up to the proposed Pebble Bay Mine. The review was held during October of 2012 in Anchorage, Alaska and was organized by the Keystone Center, a non-profit research group from Colorado.

Received the American Fisheries Society's Stevan R. Phelps Award for best genetics paper in an American Fisheries Society Journal in 2007: Geiger, H.J., I. Wang, P. Malecha, K. Hebert, W. W. Smoker, and A.J. Gharrett. 2007. What causes variability in pink salmon family size? Transactions of the American Fisheries Society 136(6): 1688-1698.

Affiliate faculty, University of Alaska Fairbanks, School of Fisheries and Ocean Sciences.

The 2005 President of the Alaska Chapter of the American Fisheries Society. The chapter is an association of over 400 fishery managers, government scientists, academic researchers, and others with an interest in fisheries and fishery science in Alaska.

Board of directors of Juneau Jazz and Classics—a nonprofit organization that brings music to Southeast Alaska—from 2003 to 2015.

Convenor of the 1997 Alaska Riverine Sonar Workshop—an international symposium on the use of river-based sonar. Co-convenor (together with Dr. Peter Dahl, of the University of Washington) of the 1999 Riverine Sonar Workshop held at the University of Washington.

Awarded Chapter Service Recognition Award in 1996 by the national Council of Chapters of the American Statistical Association, “...in recognition of service to the Alaska Chapter.”

Invited member of a panel of experts, assembled at the Olympic National Park by the National Park Service on May 8, 1996, to review the status of Lake Ozette sockeye salmon and make recommendations for its preservation.

Invited speaker, The International Symposium on Biological Interactions of Enhanced and Wild Salmonids. June 17–20, 1991. Nanaimo, British Columbia.

Two-term president of the Alaskan Chapter of the American Statistical Association: 1986 and 1993.

SELECTED PUBLICATIONS

Shaul, L.D. and and H.J. Geiger. *in press*. Effects of climate and competition for offshore prey on growth, survival, and reproductive potential of coho salmon in Southeast Alaska. *In* The proceedings of the NPAFC International Symposium on Pacific Salmon and Steelhead Production in a Changing Climate: Past, Present, and Future, May 17-19, 2015, Kobe, Japan.

Haney, J.C., H.J. Geiger, and J.W. Short. 2014. Bird mortality from the Deepwater Horizon oil spill. I. Exposure in the offshore Gulf of Mexico. Marine Ecology Progress Series 513: 225-237.

Haney, J.C., H.J. Geiger, and J.W. Short. 2014. Bird mortality from the Deepwater Horizon oil spill. II. Carcass sampling and exposure probability in the coastal Gulf of Mexico. Marine Ecology Progress Series 513: 239–252.

Portley, N. and H.J. Geiger. 2014. Limit Reference Points for Pacific Salmon Fisheries. North American Journal of Fisheries Management 34(2): 401-410.

Ishida, Y., A. Yamada, H. Adachi, I. Yagisawa, K. Tadokoro, and H.J. Geiger. 2009. Salmon distribution in Northern Japan during the Jomon Period, 2,000–8,000 years ago, and its implications for future global warming. North Pacific Anadromous Fish Commission Bulletin No. 5: 287-292.

Geiger, H.J., I. Wang, P. Malecha, K. Hebert, W. W. Smoker, and A.J. Gharrett. 2007. What causes variability in pink salmon family size? Transactions of the American Fisheries Society 136(6): 1688-1698.

Geiger, H.J. and X. Zhang. 2002. A simple procedure to evaluate salmon escapement trends that emphasizes biological meaning over statistical significance. Alaska Fisheries Research Bulletin 9(2):128–134.

Geiger, H.J., T. Perry, M. Fukuwaka, and V. Radchenko. 2002. Status of salmon stocks and fisheries in the North Pacific Ocean. In The Proceedings of the Joint Meeting on Causes of Marine Mortality of Salmon in the North Pacific and North Atlantic Oceans and in the Baltic Sea. North Pacific Anadromous Fish Commission Technical Report Number 4.

Geiger, H.J., W.W. Smoker, L.A. Zhivitovsky, and A.J. Gharrett. 1997. Variability of family size in pink salmon has implications for conservation biology and human use. The Canadian Journal of Fisheries and Aquatic Sciences Vol. 54(11): 2684–2690.

Geiger, H.J., B. G. Bue, S. Sharr, A.C. Wertheimer, and T.M. Willette. 1996. A life history approach to estimating damage to Prince William Sound pink salmon from the Exxon Valdez oil spill. pp. 487–489. *In* S.D. Rice, R.B. Spies, D.A. Wolfe, and B.A. Wright, [eds.], Proceedings of the 1993 Exxon Valdez Oil Spill Symposium. American Fisheries Society Symposium 18.

Koenings, J.P., H.J. Geiger, and J.J. Hasbrouck. 1993. Smolt-to-adult survival patterns of sockeye salmon: effects of smolt length and geographic latitude when entering the sea. The Canadian Journal of Fisheries and Aquatic Sciences. 50:600–611.