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 Division of Sport Fish, Research and Technical Services
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Education History:

Degree	School/Major
MS – 1985	University of Alaska, Fairbanks – Fisheries Science
BS – 1981	University of Connecticut, Storrs – Biological Sciences

Relevant Work History:

Dates	Position & duties
3/2007 to present	Chief Fisheries Scientist for Sport Fish Division. Lead supervisor of the Research and Technical Services unit, with statewide responsibility for scientific, statistical, and technical consultation on all salmon, groundfish, and resident species research projects funded through Sport Fish Division. Senior technical and policy advisor to statewide salmon escapement goal reviews. Member of the Technical Review Committee for the USFWS Office of Subsistence Management Fisheries Information Service; Expert Panel to the Pacific Coastal Salmon Recovery Fund west of Cape Suckling; Science Panel of the Southeast Sustainable Salmon Fund. Scientific and technical peer reviewer for research proposals to the EVOS, NPRB, and AYK-SSI processes.
11/2002 to 3/2007	Fisheries Scientist I for Sport Fish Division in the Research and Technical Services unit. Supervision of the Biometrics Section of Sport Fish Division, with statewide responsibility for statistical and technical consultation on all projects funded through Sport Fish Division. Supervisor of statewide habitat research programs, including technical services for fish passage, fish distributions surveys and database, habitat restoration, bank habitat assessment. Technical advisor to statewide salmon escapement goal reviews and the joint federal/state escapement goal protocol team. Member of the Science and Technical Committee for the regulatory review of the Forest Resources and Practices Act. Member of the GEM Habitat Subcommittee.
11/2000 to 11/2002	Regional Supervisor for Sport Fish Division in Southcentral Alaska. Supervision, administration, and program direction for an \$8 million program that encompasses research, management, and enhancement activities on salmon, groundfish, and resident species in the northern Gulf of Alaska, including the Aleutian Islands and Alaska Peninsula, Kodiak Island, Cook Inlet, the north Gulf Coast, and Prince William Sound
11/1995-11/2000	Regional Research Supervisor for Sport Fish Division in Southcentral Alaska. Supervision, administration, technical oversight, and program direction for a \$3 million program that encompassed research activities on salmon, groundfish, and resident species in the northern Gulf of Alaska, including the Aleutian Islands and Alaska Peninsula, Kodiak Island, Cook Inlet, the north Gulf Coast, and Prince William Sound

8/1990-11/1995	Senior Research Project Leader for Sport Fish Division in Interior Alaska. Supervision, technical oversight, and program direction for a \$350,000 research program on Arctic grayling and whitefish species in interior Alaska lakes and rivers.
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Peer Reviewed Publications:

Clark, R.A., Bernard, D.R., and S.J. Fleischman. *In press*. **The role of stock-recruitment analysis in escapement goal development.** In C.C. Kruger and C.E. Zimmerman (editors). *Sustainability of Arctic-Yukon-Kuskokwim Salmon*. Fisheries American Fisheries Society Symposium. Bethesda, MD.

Bernard, D. R. and R.A. Clark. *In press*. **Importance of marine-derived-nutrients in establishing escapement goals for Pacific salmon.** In E. Knudsen, H. Michael, and C. Steward (editors). *Pacific Salmon Environment and Life History Models: Advancing Science for Sustainable Salmon in the Future*. American Fisheries Society Symposium. Bethesda, MD.

Hasbrouck, J.J., S.L. Hammarstrom, J.A. Carlon, and R.A. Clark. 2000. **Two methods to estimate abundance of salmonids using biotelemetry.** Pages 129-137 in J.H. Eiler, D.J. Alcorn, and M.R. Neuman (editors). *Biotelemetry 15: Proceedings of the 15th International Symposium on Biotelemetry*. Juneau, AK.

Clark, R. A. 1994. **Population dynamics and potential utility per recruit of Arctic grayling in Fielding Lake, Alaska.** *North American Journal of Fisheries Management* 14:500-515.

Clark, R. A. 1992. **Influence of stream flows and stock size on recruitment of Arctic grayling (*Thymallus arcticus*) in the Chena River, Alaska.** *Canadian Journal of Fisheries and Aquatic Sciences* 49:1027-1034.

Recent Government Publications:

Clark, R. A. 2005. **Stock status and recommended escapement goals for coho salmon in selected waters along the Juneau road system, 1981-2004.** Alaska Department of Fish and Game, Special Publication No. 05-21, Anchorage.

Clark, R., M. Willette, S. Fleischman, and D. Eggers. 2007. **Biological and fishery-related aspects of overescapement in Alaskan sockeye salmon *Oncorhynchus nerka*.** Alaska Department of Fish and Game, Special Publication No. 07-17, Anchorage.

Clark, R. A., A. E. Bingham, G. B. Jennings, K. H. Sundet, R. Lafferty, M. G. Miller, W. J. Romberg, K. P. Brogdon, R. P. Ericksen, T. R. Viavant and C. O. Swanton. 2007. **A programmatic review of the Sport Fish Division Statewide Harvest Survey: Phase I recommendations of the statewide harvest survey review team.** Alaska Department of Fish and Game, Special Publication No. 07-09, Anchorage.

Clark, R. A., J. J. Hasbrouck, D. A. Tracy, and L. J. Schwarz. 2006. **Stock status and recommended escapement goals for coho salmon in selected waters within the Kodiak road zone, 1980-2003.** Alaska Department of Fish and Game, Special Publication No. 06-13, Anchorage.

Clark, R. A., and P. Nelson. 2001. **Assessment of harvests of Cook Inlet-origin chinook salmon in commercial fisheries in the Kodiak Management Area, 1997-1999.** Alaska Department of Fish and Game, Regional Information Report No. 4K01-38, Kodiak.