

KIMBERLY S. DIETRICH
5026 9th Avenue NE, Seattle, WA 98105 USA
Phone: 206-547-4228 E-mail: kim@kimdietrich.com

EDUCATION:

Schuyler Central High School, Schuyler, Nebraska - May, 1986

University of Pennsylvania, Philadelphia, Pennsylvania

Bachelor of Arts, 1992 - Majors: **Biology** and **Environmental Studies** (with Distinction)

University of Washington, Seattle, Washington

Master of Science, 2003, University of Washington, School of Aquatic and Fishery Sciences

WORK EXPERIENCE:

Consultant, Self-employed

Projects:

- Compile regional observer manual and training materials for West African fisheries. Phase I (of III) was specific to Cameroon. Client: International Commission for the Convention of Atlantic Tunas and NOAA Fisheries (2009-10)
- Pilot project investigating seabird interactions with trawl paravane cables and analysis of seabird bycatch in Alaska groundfish trawl fisheries. Client: National Marine Fisheries Service (2009-10).
- Vessel-specific analysis of seabird bycatch in Alaska groundfish demersal longline fisheries. Client: National Marine Fisheries Service (2008).
- Seabird identification training presentation and sampling protocols/materials for fisheries observers in Ghana. Client: National Marine Fisheries Service (December 2007).
- Assisted with organization of a workshop to develop best practices for the collection of longline data to facilitate research and analysis to reduce bycatch. Provide written report of workshop findings. Client: National Marine Fisheries Service (November, 2004 - April, 2005).
- Writing and editing of a contract proposal to supply observers to NMFS Southwest Region. Client: Alaskan Observers, Inc. (April 1997).

Marine Fisheries Specialist, WASHINGTON SEA GRANT, University of Washington, Seattle, WA
April, 2003 – October, 2004; May 2005 to December 2007

Supervisor / Phone: Ed Melvin, Marine Fisheries Specialist / (206) 543-9968

- Organized field project on two longline fishing vessels to test integrated weight longline gear as a seabird deterrent.
- Performed data analysis on several projects focused on reducing seabird bycatch in longline and trawl fisheries (see Publications).

Research Assistant, WASHINGTON SEA GRANT, University of Washington, Seattle, WA
April-October, 1999; January, 2000-September, 2000

Supervisor / Phone: Ed Melvin, Marine Fisheries Specialist / (206) 543-9968

- Prepared seabird project sampling manual for data collectors, designed forms and provisioned five vessels with necessary equipment.
- Collected data on seabird abundance, interaction and mortality associated with longline fishing operations.
- Assisted with data analysis and presentation.

Biological Technician, U.S. ANTARCTIC MARINE LIVING RESOURCES PROGRAM, Southwest Fisheries Science Center, La Jolla, CA

February-March, 1998; January-March, 1999; February-March, 2000; February-March, 2003; January-March, 2005; January-March 2006; January-February 2007; January-March 2008; January-March 2009; January-March 2010

Supervisor: Christian Reiss (zooplankton) / Christopher Jones (fish)

- Monitored IKMT zooplankton net during deployment and retrieval from *R/V Yuzhmorgeologiya*.
- Identified and enumerated all zooplankton (>50 species) caught during large-area krill survey.
- Identified and weighed all vertebrate species caught during Elephant Island bottom trawl survey.
- Designed and maintained a database for invertebrate CPUE by species or major group caught during trawl survey.
- Collected length-frequency data and age structures from more than 20 Antarctic fish species.
- Maintained sampling equipment and inventory.
- Assisted with zodiac operations to supply equipment and personnel to land-based field camps.

Sea Sampler, INTERNATIONAL PACIFIC HALIBUT COMMISSION, Seattle, WA

June, 1997; May-August, 1998; May-July, 2009

Supervisor: Calvin Blood/Laurie Sadorus/Tracee Gearhart

- Performed all sampling procedures as prescribed by the IPHC during halibut longline stock assessment survey.
- Collected length, sex, maturity, and prior hook injury information from all halibut caught.
- Confirmed number of hooks and hook spacing on each skate used during survey operations.
- Monitored offload and recorded scale weights.
- Supervised various state agency staff in their performance of IPHC duties.
- Edited data to ensure readiness for data entry.

Seabird Observer, WASHINGTON SEA GRANT, University of Washington, Seattle, WA

August, 1996

Supervisor: Ed Melvin

- Observed and recorded seabird and marine mammal interactions with fishing vessels and gear during Puget Sound salmon gillnet fishery. Contracted vessels were required to follow a specific research protocol.
- Recorded the number of salmon taken and the amount of bycatch discarded.
- Collected and prepared marine mammal and seabird specimens fatally taken in gillnets.
- Assisted with necropsies of seabirds.

Field Supervisor, ALASKAN OBSERVERS, INC., Dutch Harbor, Alaska

September, 1994-April, 1996

Supervisor: David Edick, General Manager

- Provided 24-hour logistical support to fisheries biologists traveling to and from vessel assignments.
- Oriented biologists to unique sampling situations on over 80 fishing vessels and assisted in developing appropriate sampling strategies.
- Introduced biologists to primary personnel on assigned fishing vessels and processing plants.
- Assisted vessels with compliance of fishery regulations.
- Tracked vessels in port for location, length of trips, and length of time in port.
- Motivated employees to collect high quality data.
- Mediated conflicts between on-board biologists and vessel personnel.
- Planned and organized bird watching field trips and community beach clean-ups for employees during non-working hours.

Debriefing Supervisor, ALASKAN OBSERVERS, INC., Seattle, WA

April, 1993-April, 1996

Supervisor: David Edick, General Manager

- Performed extensive quality control checks on data collected by over 150 fisheries biologists.
- Evaluated work performance through review of data for more than 150 contracted biologists.
- Developed sampling performance standards for biologists by vessel and fishing gear type.
- Revised reference manual used for performing quality control checks on biological data.
- Reviewed and organized scientific publications and developed a bibliography on North Pacific fishery resources.
- Dedicated significant personal time to complete duties as necessary.

North Pacific Groundfish Observer, ALASKAN OBSERVERS, INC., Seattle, WA

December, 1990-March, 1993; May, 1996; October, 1996, August/October, 1997; September-November, 1998; August, 1999

Supervisor: David Edick, General Manager

- Recorded fishing effort and estimated total catch on board commercial fishing vessels in the Bering Sea.
- Collected random samples from total catch for species composition and prohibited species bycatch.
- Sexed and measured a subsample of target species daily to determine age composition of target fish.
- Obtained biological information from all prohibited species bycatch in samples.
- Submitted weekly data to the National Marine Fisheries Service for the management of the Bering Sea and Gulf of Alaska groundfish resources.

Marine Mammal Observer, SALTWATER, INC., Anchorage, AK

May, 1991-September, 1991

Supervisor: Mandy Merklein, Field Supervisor

- Observed and recorded marine mammal and seabird interactions with fishing gear during Prince William Sound commercial salmon gillnet fishery.
- Recorded the number of salmon taken and the amount of bycatch discarded.
- Collected and prepared marine mammal and seabird specimens fatally taken in gillnets.
- Edited biological data for quality and accuracy.

Field Assistant, NATIONAL AUDUBON SOCIETY, Tavernier, Florida*Dates employed:* June, 1990- September, 1990*Supervisor:* Tom Bancroft, Al Strong

- Trapped white-crowned pigeons and gathered biological information.
- Fitted pigeons with radio transmitters and flew aerial telemetry flights for foraging range study.
- Conducted biweekly nest checks on pigeon nesting islands.
- Performed routine maintenance checks on small boats and motor vehicles and maintained all telemetry equipment.

ADDITIONAL QUALIFICATIONS/EXPERIENCE:

- **Alaska Marine Safety Education Association** – Marine Safety Instructor Training – 2009
- U.S. Coast Guard Auxiliary – Boating Safety & Seamanship course - 2009
- Experienced with the following computer applications: MS Word, Access, Excel, Word Perfect, SPSS, SPlus, EndNote, ArcGIS.
- **Association for Professional Observers**, Board and Treasurer, 1996-2007. The APO is a non-profit, non-governmental organization whose mission is to strengthen observer programs through advocacy and education.
- **Observer Advisory Committee (OAC)** member, 1997-2005. The OAC provides input to the North Pacific Fishery Management Council regarding observer programs in the North Pacific. Membership includes industry, contractors, agency staff and observer representatives.
- **Women's Fisheries Network (WFN)**, Board Member, 1997-98. WFN organizes monthly dinner lectures/discussion to educate industry on various fishery-related issues. Topics range from changes in hiring laws to the American Fisheries Act to how stock size is estimated.

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- Participant in Wildlife Management Project, Kenya, 1988 and Tropical Field Ecology Seminar, Costa Rica, 1990.