

Geoffrey S. York

USGS, Alaska Science Center, 1011 East Tudor Road, Anchorage, AK 99503.

Telephone (907) 786-3928, Fax (907) 786-3636, E-mail geoff_york@usgs.gov.

Mr. York received his BA degree from the University of Notre Dame in 1990 and his MS degree from the University of Alaska Fairbanks in 2001, respectively. His thesis research was on the colonization and development of aquatic invertebrate communities in recently deglaciated streams within Kenai Fjords National Park, Alaska.

Mr. York joined the U.S. Geological Survey Biological Resources Division (USGS-BRD) in 1996 as coordinator for the Alaska Marine mammal Tissue Archival Project (AMMTAP). In 1998, he helped establish the long-term Seabird Tissue Archival and Monitoring Project (STAMP) in collaboration with the Alaska Maritime National Wildlife Refuge (AMNWR) and National Institute of Standards and Technology (NIST). Currently, he serves as the program manager for the USGS Polar Bear Project including assisting in the capture and handling of free ranging bears, radio telemetry, and the use of FLIR technology for the detection of polar bear dens. Mr. York is the primary Alaskan point of contact for all organizations collaborating with AMMTAP, and he supervises logistics and sample coordination for the STAMP program. In these capacities, he oversees the collection of seabird eggs and tissue samples from marine mammals (whales, polar bears, seals, sea otters, and walrus) during native subsistence harvests, and he also coordinates Alaskan outreach, training, fieldwork, and logistics for these efforts. Prior to 1996, Mr. York worked as a graduate teaching assistant at UAF and was responsible for teaching undergraduate laboratory courses in Biology, Limnology, and Aquatic Entomology. In 1991, Mr. York served as a biological technician at the NOAA/OCSEAP Arctic Environment Assessment Center. In this capacity, he participated in Beaufort Sea field telemetry studies of arctic anadromous fishes (capture/handling, tagging, tracking, and recording of fisheries data). He has made numerous presentations on AMMTAP, STAMP, and polar bear research at scientific and public meetings.

Honors:

On-the-Spot Award: 1996 and 1997

Star Award: 1999 through 2006

USGS Leadership Intensive Certificate 2003

Joint Fact Finding Workshop 2004

Selected Publications

- Amstrup, S. C., G. York, T. L. McDonald, R. Nielson, and K. Simac. 2004. Detecting denning polar bears with forward looking infra-red (FLIR) imagery. *BioScience* 54(4):337-344.
- Steven C. Amstrup, George M. Durner, Eric Regehr, Geoff York, Kristin S. Simac, Thomas S. Smith, Steven T. Partridge, and David Douglas. 2004. Polar bear research in the Beaufort Sea. Report to the Polar Bear Technical Committee, February 2004. Winnipeg, Manitoba, Canada.
- York, G. Amstrup, S. C., and K. Simac. 2004. Using Forward Looking Infrared (FLIR) imagery to detect polar bear maternal dens. Operations Manual. Prepared for U. S. Department of Interior, Minerals Management Service, Alaska OCS Region, 949 East 36th St. Anchorage, AK 99508. OCS Study MMS 2004-062.
- S. C. Amstrup, G. m. Durner, A. S. Fischbach, G.S. York, and K. S. Simac, T. S. Smith, S. T. Partridge, and D. Douglas. 2003. Polar Bear Research in the Beaufort Sea. In Proceedings of the Canadian Polar Bear Technical Committee. 16-18 February 2003, Edmonton, Alberta.
- Kucklick, J.R., P. Krahn, M.M. Schantz, P.R.Becker, B.J. Porter, G.W. York, and T. O'Hara. 2002. Comparison of Organochlorine Contaminant Concentrations and Patterns in Ringed Seals (*Phoca hispida*) from Nome and Barrow, Alaska. Submitted to *Sci. Total Environ*.
- Kucklick, J.R., S.S. Vander Pol, P.R. Becker, R.S. Pugh, K. Simac, G.W. York, and D.G. Roseneau. 2002. Persistent organic pollutants in murre eggs from the Gulf of Alaska and Bering Sea. 22nd International Symposium on Halogenated Environmental Organic Pollutants and Persistent Organic Pollutants (POPs), Barcelona, Spain, 11-16 August 2002. *Organohalogen Compounds* 59:13-16.
- Vander Pol, S.S., P.R. Becker, J.R. Kucklick, R.S. Pugh, D.G. Roseneau, K. Simac, and G.W. York. 2002. Trends in concentrations of persistent organic pollutants in eggs from Alaskan murre colonies. 2nd AMAP International Symposium on Environmental Pollution of the Arctic, Rovaniemi, Finland, 1-4 October 2002. Extended abstract 0-025 in Arctic Monitoring and Assessment Program (AMAP) Rept. 2002.2, Oslo, Norway.
- Vander Pol, S.S., S.J. Christopher, R. Day, R.S. Pugh, P.R. Becker, D.G. Roseneau, K. Simac, and G.W. York. 2002. Trends in concentrations of mercury in eggs from Alaskan murre colonies. 2nd AMAP International Symposium on Environmental Pollution of the Arctic, Rovaniemi, Finland, 1-4 October 2002. Extended abstract P-M40 in Arctic Monitoring and Assessment Program (AMAP) Rept. 2002.2, Oslo, Norway.

- Vander Pol, S.S., S.J. Christopher, D.G. Roseneau, P.R. Becker, R.D. Day, J.R. Kucklick, R.S. Pugh, K.S. Simak, and G.W. York. 2003. Seabird Tissue Archival and Monitoring Project: Egg Collections and Analytical Results for 1999 – 2002. NISTIR 7029, U.S. Dept. Commerce, NIST, Gaithersburg, MD. 79 pp.
- York, G.W., B.J. Porter, R.S. Pugh, D.G. Roseneau, K. Simac, P.R. Becker, L. K. Thorsteinson, and S.A. Wise. 2001. Seabird Tissue Archival and Monitoring Project: Protocol for Collecting and Banking Seabird Eggs. NISTIR 6735. National Institute of Standards and Technology, MD 25 p.
- Kucklick, J.R., W.J. Struntz, P. Becker, G. York, and J. Bohonowych. 2001. Persistent Organochlorine Pollutants in Ringed Seals and Polar Bears Collected from Northern Alaska. *Science of the Total Environment*. 287:45-59.
- Milner, A.M., and G. York. 2001. Colonization and community development of salmonids and benthic macroinvertebrates in a new stream within Kenai Fjords National park, Alaska. *Archiv fur Hydrobiologie*. 151(4):627-647.
- York, G., and A.M. Milner. 1999. Colonization and community development of salmonids and benthic macroinvertebrates in a new stream within Kenai Fjords National park, Alaska. University of Alaska Anchorage, Final Report to the National Park Service. Cooperative Agreement No. CA 9700-2-9021.
- Parnow, C., R. Goldfarb, K. Kelly, A. Meier, and G. York. 1998. Trace element dispersion from tin deposits of the western Seward Peninsula, Alaska, in Kelley, K.D., ed., *Geologic Studies in Alaska by the U.S. Geological Survey, 1997*. U.S. Geological Survey Professional Paper 1614. pp 123-37.

People G. York has collaborated with on projects or publications in the last four years

Amstrup, S.—USGS-BRD; Anderson, S.—Alaska Nanuuq Commission; Barker, M.—Exxon Mobile; Becker, P.R.—NIST; Brower, C.—North Slope Borough; Byrd, G.V.—USFWS; Christopher, S.—NIST; Day, R.—NIST; Durner, G.—USGS-BRD; Evans, T.—USFWS; Follmann, E.—University of Alaska Fairbanks; Hatch, S. —USGS-BRD; Irons, D. —USFWS; Jarrell, G.—University of Alaska, Fairbanks; Krahn, M.—NOAA, NMSF; Kucklick, J.—NIST; Mahoney, B.—NMFS; McDonald, T.—West, Inc.; Milner, A.M.—University of Birmingham, England; Muir, D.—Environment Canada; O’Hara, T. University of Alaska – Fairbanks; Payne, A.—NMFS; Perham, C.—USFWS; Porter, B.—NIST; Pugh, R.—NIST; Rea, C.—Conoco-Phillips; Rey, L.—ADF&G; Rosa, C.—University of Alaska- Fairbanks; Roseneau, D.G.—USFWS; Rowles, T.—NMFS; Schliebe, S.—USFWS; Shiedt, E.—Maniilaq Association; Simac, K.—USGS-BRD; Smith, T.—USGS-BRD; Stirling, I.—CWS; Streevor, B.—British Petroleum; Struntz, W.J.—NIST; Thorsteinson, L.—USGS-BRD; Treacy, S.—MMS; Tuomi, P.—Alaska Sea Life Center; Vander Pol, S.—NIST; Winker, K.—University of Alaska Museum; Whiting, A.—Kotzebue IRA Council; Wise, S.A. —NIST; Williams, M.—LGL Alaska; and Woshner, V.—University of Illinois.