



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

B1 Goldman Scallop PT Nomination
February 2016
Department of Fish and Game

OFFICE OF THE COMMISSIONER
Headquarters Office

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January 20, 2016

Mr. Dan Hull, Chair
North Pacific Fishery Management Council
605 West 4th Avenue, Suite 306
Anchorage, AK 99501

Dear Chairman Hull:

I would like to nominate Ken Goldman for appointment to the Scallop Plan Team to replace Rich Gustafson, who has retired from the Alaska Department of Fish and Game. Ken serves as Groundfish and Shellfish Research Biologist for Central Region in Homer. This position is responsible for oversight and evaluation of fisheries research activities within the Cook Inlet and Prince William Sound management areas, as well as multiple groundfish and shellfish surveys.

With his extensive experience and expertise, I believe Ken will be a valuable addition to the Scallop Plan Team. Please see the attached CV. Thank you for considering his appointment at the upcoming February 2016 Council meeting.

Sincerely,

A handwritten signature in blue ink that reads "Sam Cotten".

Sam Cotten
Commissioner

Enclosure

Curriculum Vitae **Kenneth J. Goldman, Ph.D.**

Current Position:

Fisheries Biologist III; Central Region Commercial Fisheries Groundfish and Shellfish Research
Biologist and Projects Leader

Address: Alaska Department of Fish and Game
Division of Commercial Fisheries
3298 Douglas Place
Homer, Alaska 99603
Phone: (907) 235-8191; Fax: (907) 235-2448
Email: ken.goldman@alaska.gov

Adjunct Faculty, University of Alaska, Anchorage (since 2012)

Address: Kachemak Bay Campus, Kenai Peninsula College, University of Alaska, Anchorage
533 E. Pioneer Ave.
Homer, AK 99603
Email: kjgoldman@kpc.alaska.edu

Education:

Ph.D. Fisheries Ecology - College of William and Mary, School of Marine Science, Virginia
Institute of Marine Science - August 2002.

M.A. Biology - San Francisco State University - May 1996.

B.S. Biology (Marine Biology-Limnology) - San Francisco State University, Magna Cum
Laude - January 1993.

Previous Work Experience:

Assistant Professor of Biology and Marine Science Jackson State University, Department of
Biology, Jackson, MS 39272

Aug. 2003 - June 2005: Research in my lab focused on age determination, estimation of vital
rates and demographic parameters, as well as physiology, movement patterns and behavioral
ecology of marine animals. Physiology research focused on endothermy in fishes and on the
effects of physiological stress on gamefishes from angling and commercial fishing.

Postdoctoral Scholar & Lecturer California State University Long Beach, Long beach, CA

Aug. 2002 - July 2003 Dr. Chris Lowe, supervisor (562) 985-4918
Studied the behavioral responses and survivorship of California sheephead to post-release
angling and commercial trapping stress. Taught Ecology and Environmental Science
courses, and advised undergraduate and graduate students.

Research Assistant Virginia Institute of Marine Science, Gloucester Pt, VA
Jun. - Sep. 1996 - Aug. 2002 Dr. John Musick, major advisor/supervisor (804) 684-7317
Longlining for sharks in the Chesapeake Bay and coastal waters of Virginia gathering catch
data, and tagging.

Seawater Technician Department. of Biology, San Francisco State University,
San Sep. 1994 - May 1996 Francisco, CA. Dr. Tom Neisen, supervisor (415) 338-6387
Animal husbandry of tropical, temperate, and boreal freshwater and marine organisms.
Aquarium system design, construction, and maintenance.
Collecting animals for display and study purposes.

Aquatic Biologist Calif. Acad. of Sci., Steinhart Aquarium, San Francisco, CA
Jun. 1990 - May 1996 Dr. John McCosker, supervisor (415) 750-7249
Collection and husbandry of tropical, temperate, and boreal freshwater and marine organisms
Aquarium system design, construction, and maintenance
Construction of aquatic and terrestrial displays as assistant to aquarium preparator
Captive propagation project involving endangered winter run Chinook salmon

Publications:

Invited Book Chapters and Papers

- Goldman, K.J.**, G.M. Cailliet, L.J. Natanson and A. Andrews. 2012. Assessing the Age and Growth of Chondrichthyan Fishes. pp 423-451. *In: The Biology of Sharks and Their Relatives*. Second Edition. J. Carrier, J.A. Musick and M. Heithaus, eds. CRC Press, Boca Raton, FL.
- Bernal, D., J.K. Carlson, **K.J. Goldman** and C.G. Lowe. 2012. Metabolism, Energetic Demand and Endothermy. pp 211-237. *In: The Biology of Sharks and Their Relatives*. Second Edition. J. Carrier, J.A. Musick and M. Heithaus, eds. CRC Press Boca Raton, FL.
- Goldman, K.J.** and J.A. Musick. 2008. Biology and Ecology of the Salmon Shark, *Lamna ditropis*. pp 95-104. *In: Sharks of the Open Ocean: Biology, Fisheries and Conservation*. M.D. Camhi, E.K. Pikitch and E.A. Babcock, eds. Blackwell Publishing Ltd.
- Goldman, K.J.** 2005. Age and Growth of Elasmobranch Fishes. pp. 97-132. *In: Management Techniques for Elasmobranch Fisheries*. J.A. Musick and R. Bonfil, eds. FAO Fisheries Technical Paper, No. 474. Rome, FAO. 251 p. (electronic version available at <http://www.flmnh.ufl.edu/fish/organizations/ssg/EFMT2004.htm>).
- Cailliet, G.M. and **K.J. Goldman**. 2004. Age Determination and Validation in Chondrichthyan Fishes. pp 399-447. *In: The Biology of Sharks and Their Relatives*. J. Carrier, J.A. Musick and M. Heithaus, eds. CRC Press, Boca Raton, FL.
- Carlson, J.K., **K.J. Goldman** and C.G. Lowe. 2004. Metabolism, Energetic Demand and Endothermy. pp 203-224. *In: The Biology of Sharks and Their Relatives*. J. Carrier, J.A. Musick and M. Heithaus, eds. CRC Press Boca Raton, FL.
- Lowe, C.G. and **K.J. Goldman**. 2001. Thermal and bioenergetic telemetry of elasmobranchs: bridging the gap. *In: The Behavior and Sensory Biology of Elasmobranch Fishes: An Anthology in Memory of Donald Richard Nelson*. T.C. Tricas and S.H. Gruber, eds. American Elasmobranch Society Symposium, Special Volume. *Env. Biol. Fish.* 60:251-266.
- Goldman, K.J.**, S.D. Anderson, J.E. McCosker, and A.P. Klimley. 1996. Temperature, swimming depth, and movements of a white shark (*Carcharodon carcharias*) at the South Farallon Islands, California. pp 111-120. *In: Biology of the white shark Carcharodon carcharias*. A.P. Klimley and D.G. Ainley eds. Academic Press, San Diego, CA.

Papers and Books

- Watanabe, Y.Y., K.J. Goldman, J.E. Caselle, D.D. Chapman and Y.P. Papastamatiou. 2015. Comparative analyses of animal-tracking data reveal ecological significance of endothermy in fishes. *PNAS*, 112(19):6104-6109. supporting information online at www.pnas.org/lookup/suppl/doi:10.1073/pnas.1500316112/-/DCSupplemental.
- Carlisle A.B., S.Y. Litvin, E.L. Hazen, D.J. Madigan, K.J. Goldman, R.N. Lea and B.A. Block. 2015. Reconstructing habitat use by juvenile salmon sharks links upwelling to strandings in the California Current. *Mar. Ecol. Prog. Ser.* Vol 525:217-228; doi: 10.3354/meps11183.

- Carlisle A.B., K.J. Goldman, S.Y. Litvin, D.J. Madigan, J.S. Bigman, A.M. Swithenbank, T.C. Kline Jr and B.A. Block. 2015. Stable isotope analysis of vertebrae reveals ontogenetic changes in habitat in an endothermic pelagic shark. *Proc. R. Soc. B* 282: 20141446. <http://dx.doi.org/10.1098/rspb.2014.1446>
- Burgess, G.H., B.D. Bruce, G.M. Cailliet, **K.J. Goldman**, R.D. Grubbs, C.G. Lowe, M.A. MacNeil, H.F. Mollet, J.B. O'Sullivan and K.C. Weng. 2014. A re-evaluation of the size of the white shark (*Carcharodon carcharias*) population off California, USA. *PLOS ONE*.
- Passerotti, M.S., A.H. Andrews, J.K. Carlson, S.P. Wintner, **K.J. Goldman** and L.J. Natanson. 2014. Maximum age and missing time in the vertebrae of sand tiger shark (*Carcharias taurus*): validated lifespan from bomb radiocarbon dating in the western North Atlantic and southwestern Indian Oceans. *Marine and Freshwater Research*. <http://dx.doi.org/10.1071/MF13214>
- Conrath, C.L., C.A. Tribuzio and **K.J. Goldman**. 2014. Notes on the reproductive biology of female salmon shark *Lamna ditropis*, in the eastern North Pacific Ocean. *Trans. Am. Fish. Soc.* 143:363-368.
- Carlisle, A.B., C.R. Perle, **K.J. Goldman** and B.A. Block. 2011. Seasonal changes in depth distribution of salmon sharks (*Lamna ditropis*) in Alaskan waters: implications for foraging ecology. *Can. J. Fish. Aquat. Sci.* 68: 1905–1921.
- Ebert, D., W.T. White, **K.J. Goldman**, L.J.V. Compagno, T.S. Daly-Engel and R.D. Ward. 2010. Resurrection and redescription of *Squalus suckleyi* (Girard, 1854) from the North Pacific, with comments on the *Squalus acanthias* subgroup (Squaliformes: Squalidae). *Zootaxa*. 2612:22-40.
- Nasby-Lucas N., H. Dewar, C.H. Lam, **K.J. Goldman** and M.L. Domeier. 2009. White Shark Offshore Habitat: A Behavioral and Environmental Characterization of the Eastern Pacific Shared Offshore Foraging Area. *PLoS ONE* 4(12): e8163.[doi:10.1371/journal.pone.0008163](https://doi.org/10.1371/journal.pone.0008163).
- Gallucci, V.F., R.J. Foy, S. O'Brien, A. Silva, H. Nesse, B. Langseth, N. Vega, I. Taylor and **K.J. Goldman**. 2008. Information from a pregnant salmon shark *Lamna ditropis* in the Eastern North Pacific with observations on oophagous reproduction. *J. Fish Bio.* 73, 732–739.
- Carlson, J.K. and **K.J. Goldman**. 2006. Age and Growth of Chondrichthyan Fishes: New Methods, Techniques and Analysis. J.K. Carlson and K.J. Goldman, eds. American Elasmobranch Society Symposium, Special Volume. *Developments in Environmental Biology of Fishes*, #25, reprinted from *Env. Biol. Fish.* 77(3-4):209-421.
- Goldman, K.J.**, S. Branstetter and J.A. Musick. 2006. A re-examination of the age and growth of sand tiger sharks, *Carcharias taurus*, in the western North Atlantic. *In: Age and Growth of Chondrichthyan Fishes: New Methods, Techniques and Analysis*. J.K. Carlson and K.J. Goldman, eds. American Elasmobranch Society Symposium, Special Volume. *Env. Biol. Fish.* 77(3-4):241-252.
- Cailliet, G.M., W.D. Smith, H.F. Mollet and **K.J. Goldman**. 2006. Chondrichthyan growth studies: an updated review, stressing terminology, sample size sufficiency, validation, and curve fitting. *In: Age and Growth of Chondrichthyan Fishes: New Methods, Techniques and Analysis*. J.K. Carlson and K.J. Goldman, eds. American Elasmobranch Society Symposium, Special Volume. *Env. Biol. Fish.* 77(3-4):211-228.
- Goldman, K.J.** and J.A. Musick. 2006. Growth and maturity of salmon sharks in the eastern and western North Pacific, and comments on back-calculation methods. *Fish. Bull.* 104:278-292.

- Burgess, G.H., L.R. Beerkircher, G.M. Cailliet, J.K. Carlson, E. Cortés, **K.J. Goldman**, R.D. Grubbs, J.A. Musick, M.K. Musyl and C.A. Simpfendorfer. 2005. Is the collapse of shark populations in the Northwest Atlantic Ocean and Gulf of Mexico real? *Fisheries*, 30(10):19-26.
- Burgess, G.H., L.R. Beerkircher, G.M. Cailliet, J.K. Carlson, E. Cortés, **K.J. Goldman**, R.D. Grubbs, J.A. Musick, M.K. Musyl and C.A. Simpfendorfer. 2005. Reply to "Robust estimates of decline for pelagic shark populations in the Northwest Atlantic and Gulf of Mexico". *Fisheries*, 30(10):30-31.
- Weng, K.C., A. Landiera, P.C. Castilho, D.B. Holts, R.J. Schallert, J.M. Morrisette, **K.J. Goldman**, and B.A. Block. 2005. Warm sharks in polar seas: satellite tracking from the dorsal fins of salmon sharks. *Science* 310:104-106.
- Goldman, K.J.**, S.D. Anderson, R.J. Latour and J.A. Musick. 2004. Homeothermy in adult salmon sharks, *Lamna ditropis*. *Env. Biol. Fish.* 71:403-411.
- Goldman, K.J.** 2002. Aspects of age, growth, demographics and thermal biology of two Lamniform shark species. Ph.D. dissertation. College of William and Mary, School of Marine Science, Virginia Institute of Marine Science. 220 pp.
- Anderson, S.D. and **K.J. Goldman**. 2001. Temperature measurements from salmon sharks, *Lamna ditropis*, in Alaskan waters. *Copeia* 2001:794-796.
- Goldman, K.J.**, and S.D. Anderson. 1999. Space utilization and swimming depth of white sharks, *Carcharodon carcharias*, at the South Farallon Islands, central California. *Env. Biol. Fish.* 56:353-366.
- Goldman, K.J.** 1997. Regulation of body temperature in the white shark, *Carcharodon carcharias*. *J. Comp. Physiol. B.* 167:423-429.
- Anderson, S.D., and **K.J. Goldman**. 1996. Photographic evidence of white shark movements in California waters. *California Fish and Game* 82(4):182-186.
- Assessments and Reports**
- Goldman, K.J., M. Wessel, X. Zhang, and J. Rumble. 2015. Assessment of spot shrimp, *Pandalus platyceros*, abundance in Prince William Sound, 2015 through 2017. Alaska Department of Fish and Game, Regional Operational Plan ROP.CF.2A.2015.01, Homer, AK.‡
- Gustafson, R.L. and **K.J. Goldman**. 2012. Assessment of Weathervane Scallops in Kamishak Bay and at Kayak Island, 2004 through 2010. Fishery Data Series Report No. 12-62. Alaska Department of Fish and Game.‡
- Tribuzio, C., K. Echave, C. Rodgveller, P. Hulson and **K.J. Goldman**. 2011. Assessment of the shark stock complex in the Gulf of Alaska. Chapter 20. *In: Stock assessment and fishery evaluation report for the groundfish resources of Gulf of Alaska as projected for 2012*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Tribuzio, C., C. Rodgveller, J. Heifetz and **K.J. Goldman**. 2011. Assessment of the shark stock complex in the Bering Sea. Chapter 20. *In: Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea and Aleutian Islands as projected for 2012*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Goldman, K.J.**, M. Byerly and M. Spahn. 2011. Nuka Island Habitat Mapping. Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA07NMF4370273.‡

- Byerly, M. and **K.J. Goldman**. 2011. Resurrection Bay ROV Lingcod Assessment. Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA07NMF4370273.‡
- Goldman, K.J.** and M.Spahn. 2011. Small Mesh Trawl Database Project. Final Comprehensive Progress Report. NOAA Cooperative Agreement NA07NMF4370273.‡
- Goldman, K.J.**, M. Byerly and M.Spahn. 2011. Prince William Sound Spot Shrimp Habitat Investigation. Final Comprehensive Progress Report. NOAA Cooperative Agreement NA07NMF4370273.‡
- Goldman, K.J.**, R.L. Gustafson and M. Byerly. 2011. Net Mensuration Gear for ADF&G Central Region Trawl Surveys. Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA07NMF4370273.‡
- Tribuzio, C., K. Echave, C. Rodgveller, J. Heifetz and **K.J. Goldman**. 2010. Assessment of the sharks in the shark stocks in the Gulf of Alaska. Chapter 18b. *In: Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2011*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Tribuzio, C., K. Echave, C. Rodgveller, J. Heifetz and **K.J. Goldman**. 2010. Assessment of the sharks in the Bering Sea. Chapter 18b. *In: Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea and Aleutian Islands as projected for 2011*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Goldman, K. J., J. Baum, G. M. Cailliet, E. Cortés, S. Kohin, D. Macías, P. Megalofonou, M. Perez, A. Soldo, and T. Trejo. 2009. IUCN (International Union for Conservation of Nature) red list of threatened species, version 2012.2: *Alopias vulpinus*. IUCN, Global Species Programme Office, Cambridge, UK. Available: www.iucnredlist.org. (May 2013).
- Tribuzio, C., C. Rodgveller, J. Heifetz and **K.J. Goldman**. 2009. Assessment of the sharks stocks in the shark stocks in the Gulf of Alaska. Chapter 18b. *In: Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2010*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Tribuzio, C., C. Rodgveller, J. Heifetz and **K.J. Goldman**. 2009. Assessment of the sharks stocks in the Bering Sea. Chapter 18b. *In: Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea and Aleutian Islands as projected for 2010*. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Spahn, M., M. Byerly and **K.J. Goldman**. Alaska Department of Fish and Game. 2009. Pye Island Habitat Mapping. Nearshore Marine Research in Alaska (VIII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA06NMF4370117.‡
- Goldman, K.J.** and M. Spahn. Alaska Department of Fish and Game. 2009. Augmentation of ORACLE Database Projects. Nearshore Marine Research in Alaska (VIII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA06NMF4370117.‡
- Gustafson, R.L. and K.J. Goldman. Alaska Department of Fish and Game. 2009. Northern Gulf of Alaska Shrimp Assessment. Nearshore Marine Research in Alaska (VIII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA06NMF4370117.‡
- Goldman, K.J.**, S. Kohin, G.M. Cailliet and J.A. Musick. 2008. *Lamna ditropis*. *In: IUCN 2009. IUCN Red List of Threatened Species*. <www.iucnredlist.org>.

- Byerly, M and **K.J. Goldman**. Alaska Department of Fish and Game. 2008. Validation of ROV Strip Transect Assumptions. Nearshore Marine Research in Alaska (VIII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA06NMF4370117.‡
- Tribuzio, C., C. Rodgveller, J. Heifetz, D. Courtney and **K.J. Goldman**. 2008. Assessment of the sharks stocks in the shark stocks in the Gulf of Alaska. Chapter 18d. *In*: Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2009. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Tribuzio, C., C. Rodgveller, J. Heifetz, D. Courtney and **K.J. Goldman**. 2008. Assessment of the sharks stocks in the Bering Sea. Chapter 18. *In*: Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea and Aleutian Islands as projected for 2009. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Gustafson, R.L. and **K.J. Goldman**. 2008. Central Region Weathervane Scallop Assessment. Final Comprehensive Progress Report. NOAA FMP Extended Jurisdiction Program, 16p. Federally funded under NOAA Grant # NA04NMF4370176 for 07/01/04 – 06/30/08.
- Berceli, R., C.E. Trowbridge, **K.J. Goldman**, and R.L. Gustafson. 2008. Prince William Sound area king and tanner crab review, 2007; a report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Special Publication No. 08-02, Anchorage.‡
- Spahn, M. and **K.J. Goldman**. Alaska Department of Fish and Game. 2008. Synthesis of Multi-Species Trawl Survey Data for Southcentral Alaska. Nearshore Marine Research in Alaska (VII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA05NMF4371059.‡
- Spahn, M. and **K.J. Goldman**. Alaska Department of Fish and Game. 2008. Spot Shrimp Survey Analysis and Management Strategy. Nearshore Marine Research in Alaska (VII): Final Comprehensive Progress Report. NOAA Cooperative Agreement NA05NMF4371059.‡
- Goldman, K.J.**, R.L. Gustafson, and M. Byerly. 2007. Monitoring Ecosystem Parameters in the Northern Gulf of Alaska, Exxon Valdez Oil Spill Restoration Project Final Report (GEM Project G-040639), Alaska Department of Fish and Game, Division of Commercial Fisheries, Homer, Alaska.
- Rodgveller, C., J. Heifetz, D. Courtney, C. Tribuzio, **K.J. Goldman**, and J. Rice. 2007. GOA Sharks. *In*: Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2008. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Heifetz, J., C. Rodgveller, D. Courtney, C. Tribuzio, and **K.J. Goldman**. 2007. BSAI Sharks. *In*: Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea and Aleutian Islands as projected for 2008. North Pacific Fishery Management Council, 605 W 4th Ave. Suite 306, Anchorage, AK 99501.‡
- Fordham, S., S.L. Fowler, R. Coelho, **K.J. Goldman** and M. Francis. 2006. *Squalus acanthias*. *In*: IUCN 2006. 2006 IUCN Red List of Threatened Species. <www.iucnredlist.org>.
- Trowbridge, C.E. and **K.J. Goldman**. 2006. 2006 review of Cook Inlet Area commercial fisheries for Dungeness crab, shrimp, and miscellaneous shellfish fisheries: A report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Special Publication No. 06-09, Anchorage, AK.‡

- Courtney, D.L., C. Tribuzio and **K.J. Goldman**. 2006. BSAI Sharks. pp. 1083-1132. *In*: Stock assessment and fishery evaluation report for the Bering Sea and Aleutian Islands. North Pacific Fishery Management Council, 605 W 4th Ave, Suite 306, Anchorage, AK 99501.‡
- Courtney, D.L., C. Tribuzio, **K.J. Goldman** and J. Rice. 2006. GOA Sharks. Appendix E, pp. 481-562. *In*: Stock assessment and fishery evaluation report for the Gulf of Alaska. North Pacific Fishery Management Council, 605 W 4th Ave, Suite 306, Anchorage, AK 99501.‡
- Goldman, K.J.** 2005. Thresher shark *Alopias vulpinus* Bonnaterre, 1788. pp 250-252. *In*: Sharks, rays and chimaeras: the status of the chondrichthyan fishes. Status Survey. Fowler, S.L., Camhi, M., Burgess, G.H., Cailliet, G.M., Fordham, S.V, Cavanagh, R.D., Simpfendorfer, C.A. and Musick, J.A. (comp. and ed). IUCN/SSC Shark Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. 461 pp.
- Goldman, K.J.** and B. Human. 2005. Salmon shark *Lamna ditropis* Hubbs & Follett, 1947. pp 260-262. *In*: Sharks, rays and chimaeras: the status of the chondrichthyan fishes. Status Survey. Fowler, S.L., Camhi, M., Burgess, G.H., Cailliet, G.M., Fordham, S.V, Cavanagh, R.D., Simpfendorfer, C.A. and Musick, J.A. (comp. and ed). IUCN/SSC Shark Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. 461 pp.
- Courtney, D.L., S. Gaichas, J. Boldt, **K.J. Goldman** and C. Tribuzio. 2004. Sharks in the Gulf of Alaska, Eastern Bering Sea, and Aleutian Islands. Appendix, pp. 1009-1074. *In*: Stock assessment and fishery evaluation report for the Bering Sea and Aleutian Islands. North Pacific Fishery Management Council, 605 W 4th Ave, Suite 306, Anchorage, AK 99501.‡
- Boldt, J., **K.J. Goldman**, B. Bechtol, C. Dykstra, S. Gaichas and T. Kong. 2003. Sharks and shark bycatch in Alaska State and Federal waters. *In*: Ecosystems Considerations for 2004. Pat Livingston, ed. North Pacific Fishery Management Council, 605 W. 4th Ave., Suite 306, Anchorage, AK 99501.‡
- Goldman, K.J.** 2001. Sharks and shark bycatch in Alaska State and Federal Waters. *In*: Ecosystems Considerations for 2002. Pat Livingston, ed. North Pacific Fishery Management Council, 605 W. 4th Ave., Suite 306, Anchorage, AK 99501.‡
- Goldman, K.J.** 1998. Demographic analysis for sand tiger sharks and dusky sharks. Part 3. *In*: VIMS Shark Ecology Program, J.A. Musick, J. Gelsleichter, R.D. Grubbs, and K.J. Goldman. Appendix SB-IV-13. NOAA/NMFS Shark Evaluation Workshop, June 1998. Panama City, FL, 3pp.‡
- (‡ = internal agency peer review)

Manuscripts, Assessments and Reports in Preparation:

Primary Literature Papers

- Goldman, K.J.**, T. Gedamke, E. Cortés and J.A. Musick. In preparation. Demographic analyses of salmon sharks in the eastern and western North Pacific Ocean.
- Goldman, K.J.** T. Gedamke, E. Cortés and J.A. Musick. In preparation. Demographic analysis of sand tiger sharks, *Carcharias taurus*, in the western North Atlantic, based on new life history parameters.
- Spahn, M, R.L. Gustafson and **K.J. Goldman**. In preparation. Relative abundance and distribution of golden king crab, *Lithodes aequispina*, in Prince William Sound, Alaska.
- Anderson, S.D. and **K.J. Goldman**. In preparation. Surface oriented behaviors of salmon sharks.

Presentations:

- March 2014 - Status of Tanner Crab in Central Region. Presentation to the Alaska State Board of Fisheries. Anchorage, AK.

- February 2014 – Central Region Scallops: Discard Mortality Study. Presentation to the North Pacific Fishery Management Council Scallop Plan Team. Homer, AK.
- July 2013 - An update on the thermal physiology and reproductive biology of salmon sharks, *Lamna ditropis*. Annual meeting of the American Elasmobranch Society, Albuquerque, NM.
- July 2011 - The history of studying endothermy in fishes: How many places can you stick a thermometer. Plenary Address for the American Elasmobranch Society at the Joint Meetings of Ichthyologists and Herpetologists annual meeting, Minneapolis, MN.
- August 2009 - Managing Alaska's diverse groundfish and shellfish resources: A Central Region perspective. Guest Lecturer for MESAS (Marine Ecosystem Sustainability in the Arctic and Subarctic) course for Dr. Gordon Kruse (UAF - Juneau).
- July 2009 - AES *Fit Argentea* (AES Turns Silver). Plenary Address for the American Elasmobranch Society at the Joint Meetings of Ichthyologists and Herpetologists annual meeting, Portland, OR.
- February 2009 - Weathervane scallop age assessment. Presentation to the North Pacific Fishery Management Council Scallop Plan Team. Anchorage, AK.
- July 2008 - The past, present and future of AES; a look at the Society through a new president's eyes. Plenary Address for the American Elasmobranch Society at the Joint Meetings of Ichthyologists and Herpetologists annual meeting, Montreal, Canada.
- July 2007 - Demographic analysis of sand tiger sharks in the western North Atlantic. Annual meeting of the American Elasmobranch Society, St. Louis, MO.
- December 2006 - Relative abundance of golden king crab in Prince William Sound, Alaska. ADF&G Annual Interagency Crab Research Meeting. Anchorage, AK.
- July 2006 - Demographic analysis of salmon sharks in the North Pacific; testing the intrinsic rebound potential model. Annual meeting of the American Elasmobranch Society, New Orleans, LA.
- September 2005 - Growth and maturity of salmon sharks in the eastern and western North Pacific, with comments on back-calculation methods.
- AND:** Endothermy and thermoregulation in the salmon shark, *Lamna ditropis*. Symposium on North Pacific Chondrichthyan fishes (organizers: K.J. Goldman and J.A. Musick). Annual meeting of the American Fisheries Society, Anchorage, AK.
- July 2005 - A re-examination of the age and growth of sand tiger sharks, *Carcharias taurus*, in the western North Atlantic. Symposium on the age and growth of Chondrichthyan fishes (organizers: J.K. Carlson and K.J. Goldman), Annual meeting of the American Elasmobranch Society, Tampa, FL.
- July 2004 - The use of back-calculation for the determination of size-at-age in sharks: which method is most appropriate? Peer reviewed and accepted poster presentation at the World Otolith Conference. Townsville, Queensland, Australia. Coauthors: Dr. John K. Carlson and Ivy Baremore.
- July 2004 - Fisheries Biology and Physiological Ecology of Salmon Sharks. Invited speaker; Mississippi State University, Starkville, MS.
- May 2004 - Growth and maturity of salmon sharks in the eastern and western North Pacific, with comments on back-calculation methods. Annual meeting of the American Elasmobranch Society, Norman, OK.
- May 2004 - Examining Precision and Bias in Age Assessment and Back-calculation Methods. Invited speaker; University of Florida, Gainesville, FL.

May 2003 - Behavioral responses and survivorship of California sheephead to post-release angling stress. Annual meeting of the Southern California Academy of Sciences, California State University Northridge.

July 2002 – Homeothermy in adult salmon sharks, *Lamna ditropis*. Annual meeting of the American Elasmobranch Society, Kansas City, MO.

November 2001 - Two presentations on “White sharks and their kin”. Invited speaker; Science Museum of Minnesota, Minneapolis, MN.

July 2001 - Growth dynamics of female salmon sharks in the eastern and western North Pacific: a spatially structured population?

AND: Regulation of body temperature in the salmon shark, *Lamna ditropis*. Annual meeting of the American Elasmobranch Society, Penn. State University.

May 2001 – General biology and thermal physiology of salmon sharks, *Lamna ditropis*, in Alaskan waters. Invited speaker; National Marine Fisheries Service Panama City Lab, Panama City FL.

June 2000 - Distribution, segregation, and the potential for variable growth rates in the salmon shark, *Lamna ditropis*, in the western and eastern North Pacific. Annual meeting of the American Elasmobranch Society, La Paz, Baja, Mexico.

June 1997 - Photographic identification of white sharks, *Carcharodon carcharias*, and evidence of movements in California waters. Annual meeting of the American Elasmobranch Society, University of Washington, Seattle, WA.

June 1996 - Swimming depth and space utilization of white sharks, *Carcharodon carcharias*, at the South Farallon Islands, California. Annual meeting of the American Elasmobranch Society, New Orleans, LA.

February 1996 - Biology of the white shark. Conservation Symposium at the Monterey Bay Aquarium, Monterey, CA.

November 1995 - White shark research at South Farallon Islands. Invited speaker; Virginia Institute of Marine Science, Gloucester Point, VA.

April 1995 - White shark research at South Farallon Islands. Invited speaker; University of California, Santa Cruz, CA.

April 1995 - White shark research in California. Invited speaker; Moss Landing Marine Laboratories, Santa Cruz, CA.

Teaching:

Courses taught at University of Alaska, Anchorage: August 2012 to Present

Biology A378 - Marine Biology (3 units) - Upper level course for majors.

Biology A124 - Biology of Sharks (1 unit) - Introductory course for majors and non-majors.

Courses Taught at Jackson State University: August 2003 to June 2005

Biology 111 - General Biology I (3 units) - Introductory biology course for majors.

Biology 112 - General Biology II (3 units) - Introductory course for biology majors.

Biology 114 - Introduction to Marine/Environmental Science (2 units) - Introductory course on the marine and environmental sciences for biology majors.

Biology 304 - Marine Science (2 units) - Introduction to oceanography. Includes an overview of areas and specialties within the marine sciences.

Biology 390 - Seminar in Biology (1 unit) - General seminar for biology majors.

Biology 423/523 - Ecology (3 units) - Combined upper division biology course for biology majors (Bio 423) and graduate course (Bio 523).

Biology 423/523 Lab- Ecology Lab (1 units) - Combined upper division biology laboratory course for biology majors (Bio 423) and graduate students (Bio 523).

Courses Taught at California State University Long Beach: August 2002 to July 2003

Biology 100 - Biology and the Human Environment (3 units) - Non-majors course.

Biology 350 - General Ecology (3 units) - Upper division biology course for biology majors.

Courses Taught at Virginia Institute of Marine Science: January to May, 1997 to 2002

Taught lectures on physiology and ecology of fishes in MS 666 graduate ichthyology course.

Teaching Assistant for lab of MS 666 graduate ichthyology course.

Graduate Student Mentoring:

Committee Chair

Cynthia Rickis. Jackson State University; M.S. Thesis Project: Population estimates and public attitudes concerning black bears (*Ursus americanus luteolus*) in St. Catherine Creek National Wildlife Refuge. Graduated summer 2005.

Committee Member

Thomas Farrugia. University of Alaska, Fairbanks; Ph.D. Dissertation Project: An Interdisciplinary Sustainability Evaluation of the Skate Fishery in the Gulf of Alaska: Movement Patterns, Stock Assessment and Bioeconomic Modeling, Major Professor, Dr. Andrew Seitz. Expected Graduation Date, Summer 2014.

Aaron Carlisle. Stanford University, Hopkins Marine Station; Ph.D. Dissertation Project: Habitat Use and Foraging Ecology of Salmon Sharks (*Lamna ditropis*) in the Eastern North Pacific. Major Professor, Dr. George Somero. Graduated, summer 2012.

Jason Romine. Virginia Institute of Marine Science; Ph.D. Dissertation Project: Age, Growth, and Demographic analyses of the Sandbar Shark, *Carcharhinus plumbeus*, in the Northwest Atlantic and central Hawaiian Islands. Major Professor, Dr. John A. Musick. Graduated spring 2008.

Vasile Alexandru Suchar. Jackson State University; M.S. Thesis Project: The influence of environmental factors on the population growth of the marine rotifer *Colurella dicentra*. Major Professor, Dr. Paulinus Chigbu. Graduated summer 2005.

Loraine Hale. California State University Long Beach; M.S. Thesis Project: Age and growth of the round stingray, *Urolophus halleri*, at Seal Beach, California. Major Professor, Dr. Christopher G. Lowe. Graduated summer 2005.

Kristy Forsgren. California State University Long Beach; M.S. Thesis Project: Growth rates of the weedy sea dragon, *Phyllopteryx taeniolatus*. Major Professor, Dr. Christopher G. Lowe. Graduated spring 2005.

Grants Awarded:

July 2013. Federal Extended Jurisdiction Program NA10NMF4370167.

Single year funding: \$167,860 for Central Region Weathervane Scallop Assessment Project.

July 2010 - June 2013. Federal Extended Jurisdiction Program NA10NMF4370167.

Total project funding: \$573,203 for Central Region Weathervane Scallop Assessment Project.

May 2009. Nearshore Marine Research Program (IX) Redirection of Federal Assistance Funding. \$117,843 for project titled 'Resurrection Bay ROV Lingcod Assessment'. Role: Project Manager.

May 2008. Nearshore Marine Research Program (IX) Redirection of Federal Assistance Funding.

Goldman Curriculum Vitae

- 1) \$102,387 for project titled 'Pye Islands Habitat Mapping'. Role: Project Manager.
 - 2) \$77,086 for project titled 'Augmentation of ORACLE Database Projects'. Role: Project Manager.
- July 2005 - June 2008: Federal Extended Jurisdiction Program NA04NMF4370176.
Total project funding: \$356,987 for Central Region Weathervane Scallop Assessment Project.
- May 2007. Nearshore Marine Research Program (IX) Application for Federal Assistance.
- 1) \$51,300 for project titled 'Net mensuration equipment for ADF&G Central Region trawl surveys'. Role: Co-Principal Investigator with Mike Byerly and Richard Gustafson (ADF&G).
 - 2) \$81,400 for project titled 'ORACLE – Small-mesh trawl database project'. Role: Co-Principal Investigator with Margaret Spahn (ADF&G).
 - 3) \$105,800 for project titled 'Prince William Sound Spot Shrimp ROV Habitat Investigation'. Role: Co-Principal Investigator with Mike Byerly and Margaret Spahn (ADF&G).
 - 4) \$98,500 for project titled 'Nuka Island Habitat Mapping'. Role: Co-Principal Investigator with Mike Byerly and Margaret Spahn (ADF&G).
- Mar. 2006. Nearshore Marine Research Program (VIII) Application for Federal Assistance.
- 1) \$151,796 for project titled 'North Gulf shrimp assessment'. Role: Principal Investigator.
 - 2) \$180,926 for project titled 'Assessment of ROV Strip Transect Assumptions'. Role: Co-Principal Investigator with Mike Byerly (ADF&G).
 - 3) \$117,742 for project titled 'Trawl Catchability Investigations'. Role: Collaborator.
- Apr. 2006. North Pacific Research Board; Project #616: \$122,300 for project titled 'Chiswell Ridge Habitat Mapping and Groundfish Assessment'. Role: Collaborator
- Dec. 2004. California Sea Grant, University of California, San Diego: \$5,000 for partial support of symposium entitled Age and growth of chondrichthyan fishes: new methods, techniques, and analyses: A tribute to Dr. Gregor M. Cailliet. Symposium held July 2005 at the annual meeting of the American Elasmobranch Society. Springer published proceedings as special volume of Environmental Biology of Fishes. Drs. John K. Carlson and Kenneth J. Goldman served as co-organizers of the symposium and as guest editors for Springer.
- Sept. 2004. Institute for Marine Mammal Studies, Biloxi, MS: \$109,142 for project titled 'Age and growth of bottlenose dolphin, *Tursiops truncatus*, in Mississippi and adjacent Gulf of Mexico waters'. Role: Principal Investigator.
- Feb. 2004. Jackson State University, Center for University Scholars: \$6,935 for project titled 'Thermoregulation in adult salmon sharks, *Lamna ditropis*.' Role: Principal Investigator.
- Feb. 2000. National Geographic Society, Committee for Research and Exploration: \$23,697 for project titled 'Age and growth, demography and thermal biology of salmon sharks.' Role: Principal Investigator.
- Oct. 1999. Virginia Institute of Marine Science Fisheries Department Mini-Grant: \$500 for research on the thermal physiology of the common thresher shark, *Alopias vulpinus*.
- Oct. 1998. Virginia Institute of Marine Science Student Research Grant: \$500 for research on the thermal physiology of the common thresher shark, *Alopias vulpinus*. Role: Principal Investigator.
- June 1998. Lerner-Gray: \$800 for research on age and growth, and thermal physiology of salmon sharks, *Lamna ditropis*. Role: Principal Investigator.

Mar. 1998. Sigma-Xi: \$510 for research on age and growth, and thermal physiology of salmon sharks, *Lamna ditropis*. Role: Principal Investigator.

Professional Appointments and Affiliations:

Adjunct Faculty Appointment, University of Alaska, Anchorage.

April, 2012 - Present

National Oceanic and Atmospheric Administration, National Centers for Coastal Ocean Science, Kasitsna Bay Laboratory Science Board.

2011 - Present

American Elasmobranch Society (AES), member; 1989 - present

2013- Present Board of Directors

2012 - 2013 Immediate Past President, Executive Committee and Board of Directors

2008 - 2012 AES President, Executive Committee and Board of Directors

1999 - 2003, 2006 - 2008 AES Board of Directors

2003 AES Nominating Committee

2001 - 2003 Chair, AES Ad-hoc committee for symposium grant funds

1998 - 2001 AES Grant Fund Committee; Chair from 2000 - 2001

1996 Chair, AES Nominating Committee

1992 - 1999 AES Student Affairs Committee; Chair from 1997 - 1999

North Pacific Fishery Management Council

2006 - Present Non-target species Committee.

2005 - 2011 Served on the Gulf of Alaska Plan Team.

IUCN (International Union for Conservation of Nature and Natural Resources - World Conservation Union)

2006 - Present: Co-Regional Vice-Chair of the Species Survival Commission, Shark Specialist Group, Northeastern Pacific Region.

2001 - 2006: Species Survival Commission, Shark Specialist Group, Alaska Representative for the Northeastern Pacific Region.

American Society of Ichthyologists and Herpetologists, member; 1997 - 2000, 2004 - 2005

American Fisheries Society, member; 1997 - 1998, 2005 - 2006

Golden Key National Honor Society, 1989 - present