

* = student co-author

** = post-doctoral co-author

Ohlberger, J.**, D.E. Schindler, R.J. Brown, J.M.S. Harding, M.D. Adkison, A.R. Munro, L. Horstmann, J. Spaeder 2020. What are big females worth? Consequences of shifts in demographic structure for

- adaptation. *Environmental Biology of Fishes*. 10(11):1469-1481 DOI 10.1007/s10641-017-0657-3.
- Seigel, J.E.*, M.V. McPhee, and M.D. Adkison. 2017. Evidence that marine temperatures influence growth and maturation of Western Alaska Chinook Salmon. *Marine and Coastal Fisheries*. 9:441–456.
<http://dx.doi.org/10.1080/19425120.2017.1353563>
- Grant, W.S., J. Jasper, D. Bekkevold, M. Adkison. 2017. Responsible genetic approach to stock restoration, sea ranching and stock enhancement of marine fishes and invertebrates. *Reviews in Fish Biology and Fisheries*. 27:615-649. doi:10.1007/s11160-017-9489-7
- Adkison, M.D., and K.R. Criddle. 2017. Incorporating non-baseline characters into genetic mixture analyses. *Fisheries Research* 193:217-222. doi 10.1016/j.fishres.2017.04.016
- Ward E.J., Adkison M., Couture J.***, Dressel S.C., Litzow M.A., Moffitt S., Neher, T.H., Trochta, J.*, Brenner, R. 2017. Evaluating signals of oil spill impacts, climate, and species interactions in Pacific herring and Pacific salmon populations in Prince William Sound and Copper River, Alaska. *PLoS ONE* 12(3): e0172898. doi:10.1371/journal.pone.0172898
- Courtney, D.*, M.D. Adkison, and M.F. Sigler. 2016. Risk analysis of plausible incidental exploitation rates for Pacific sleeper sharks: a data-poor species in the Gulf of Alaska. *North American Journal of Fisheries Management* 36:523-548.
- Maniscalco, J.M.*, A.M. Springer, M.D. Adkison, and P. Parker. 2015. Population and elasticities of vital rates for Steller sea lions (*Eumetopias jubatus*) in the eastern Gulf of Alaska: A new life history table analysis. *PLoS One* 10(10): e0140982.
- Adkison, M.D., and C.J. Cunningham*. 2015. The effects of salmon abundance and run timing on the performance of management by emergency order. *Canadian Journal of Fisheries and Aquatic Sciences* 72(10): 1518-1526.
- Maniscalco, J.M.*, A.M. Springer, P. Parker, and M.D. Adkison. 2014. A longitudinal study of Steller sea lion natality rates in the Gulf of Alaska with comparisons to census data. *PLoS ONE* 9(11): e111523.
- Carney, J.M.*, and M.D. Adkison. 2014. Using model simulations to compare performance of two commercial salmon management strategies in Bristol Bay, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences*. 71:814-823.
- Carney, J.M.*, and M.D. Adkison. 2014. Evaluating the performance of two salmon management strategies using run reconstruction. *North American Journal of Fisheries Management* 34:159-174.
- Adkison, M.D., M.B. Ward, and Quinn, T.P. 2014. Nest site preference and intrasexual competition in female sockeye salmon, *Oncorhynchus nerka*. *Environmental Biology of Fishes*. 97:385-399.
- Miller, S.E.*, M.D. Adkison, and L.J. Haldorson. 2012. Differences in stability effects on the marine survival of hatchery pink salmon (*Oncorhynchus goriscapensis*) within the upwelling and downwelling domains of the northeast Pacific Ocean. *Fisheries Oceanography* 21:430-444.
- Echave, K. B.*, D. Hanselman, and M.D. Adkison. 2012. Inter-decadal change in sablefish (*Anoplopoma fimbria*) growth and size at maturity in the northeast Pacific Ocean. *Fishery Bulletin* 110: 361-364.
- Miller, S.E.*, Adkison, M.D., and Haldorson, L. 2012. Relation of water column stability to the growth, condition, and survival of pink salmon (*Oncorhynchus goriscapensis*) in the northern

- Su, Z.* and M.D. Adkison. 2002. Optimal inseason management of pink salmon given uncertain run sizes and seasonal changes in economic value. *Canadian Journal of Fisheries and Aquatic Sciences* 59:1648-1659.
- Adkison, M.D. 2002. Preseason forecasts of pink salmon harvests in SE Alaska using Bayesian model averaging. *Alaska Fisheries Research Bulletin* 9:1-8.
- Adkison, M.D., and Z. Su*. 2001. A comparison of salmon escapement estimates using a hierarchical Bayesian approach versus separate maximum likelihood estimation of each year's return. *Canadian Journal of Fisheries and Aquatic Sciences* 58:1663-1671.
- Su, Z.*, M.D. Adkison, and B.W. Van Alen. 2001. A hierarchical Bayesian model for estimating historical salmon escapement and escapement timing. *Canadian Journal of Fisheries and Aquatic Sciences* 58:1648-1662.
- Adkison, M.D., and R.M. Peterman. 2000. The predictability of Bristol Bay, Alaska sockeye salmon () returns 1 to 4 years in the future. *North American Journal of Fisheries Management*. 20:69-80.
- Adkison, M.D., B. Ballachey, J. Bodkin, and L. Holland-Bartels. 1998. Integrating ecosystem studies: a Bayesian comparison of hypotheses. pp. 495-509. In: F. Funk, J.N. Ianelli, T.J.