



State of Washington  
DEPARTMENT OF FISH AND WILDLIFE

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Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia, WA

June 30, 2015

RECEIVED  
JUL 06 2015

Dan Hull, Chairman  
North Pacific Fishery Management Council  
605 W. 4<sup>th</sup> Avenue, Suite 306  
Anchorage, Alaska 99501-2252

Dear Dan:

I am pleased to recommend that Kari Fenske be appointed to fill the Washington Department of Fish and Wildlife (WDFW) position on the Science and Statistical Committee. Ms. Fenske has recently joined the WDFW Marine Fish Science team, and will be working with both the Pacific and North Pacific Councils. She has also had experience with the South Atlantic Council, so she has a good background with the Magnuson-Stevens Act and the regional council system. She is presently completing her doctorate at the University of Alaska Fairbanks, working on Alaska sablefish populations under Dr. Terry Quin. Her resume is enclosed.

Ms. Fenske is very well qualified to serve on the Council's Science and Statistics Committee. I hope that her nomination can be approved in advance of the October Council meeting, so she can participate in the work of the SSC at that meeting. Thanks for your consideration of this request.

Regards,

Bill Tweit  
Special Assistant to the Director

Enclosure

cc: Chris Oliver  
Farron Wallace  
Teresa Tsou  
Kari Fenske

## **Kari H. Fenske**

kari.fenske@dfw.wa.gov

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600 Capitol Way N.  
Olympia, WA 98501

360.790.1518

**Ph.D.** – University of Alaska – Fairbanks *in progress*  
School of Fisheries and Ocean Sciences

**M.S.** – University of Maryland – College Park 2009  
Marine, Estuarine, & Environmental Science

**B.S.** – University of Wisconsin – Madison 2000  
Zoology

**Research Scientist** Washington Dept. of Fish and Wildlife, Olympia, WA  
June 2015 – Present  
Conduct and advise on experimental design, statistical analyses, stock assessments, and marine fish research for WDFW.

**Graduate Research Assistant** University of Alaska Fairbanks, Juneau, AK  
August 2012 – Present  
Developing a spatial, age-structured stock assessment model and harvest apportionment strategy evaluation for Alaska sablefish.

**SEDAR (Stock Assessment) Coordinator** SEDAR/SAFMC  
June 2010 – July 2012  
Coordinate the stock assessment process for federally managed southeastern US fisheries assessed through the Southeast Data, Assessment, and Review (SEDAR) program.

**Fishery Biologist** South Atlantic Fishery Management Council, Charleston, SC  
Nov 2009 – May 2010  
Served as technical and analytical support for the South Atlantic Council and Scientific and Statistical Committee.

**Graduate Research Assistant** Chesapeake Biological Lab, Solomons, MD  
April 2007 – Nov 2009  
Planned and conducted research project concerning American eel abundance, parasitism and population dynamics in the Chesapeake Bay.

**Biology Laboratory Manager**

Edgewood College, Madison, WI

September 2002 – March 2007

Oversaw daily laboratory setup, equipment, supplies and undergraduate staff for biology division of the Natural Science Department. Lead team in development and implementation of an institution-wide Animal Care and Use program to comply with Federal vertebrate research regulations.

**PUBLICATIONS**

Carmichael, J., and K. Fenske (editors). 2011. Third National Meeting of the Regional Fisheries Management Councils' Scientific and Statistical Committees. Report of a National SSC Workshop on ABC Control Rule Implementation and Peer Review Procedures. South Atlantic Fishery Management Council, Charleston, October 19-21, 2010. (available under Miscellaneous Publications at <http://www.npfmc.org/summary-reports/>)

Fenske, K. H., M. J. Wilberg, D. H. Secor, and M. Fabrizio. 2011. Age-structured assessment model for American eels (*Anguilla rostrata*) in the Potomac River, Maryland. Canadian Journal of Fisheries and Aquatic Sciences. 68:1024-1037.

Fenske, K. H., D. H. Secor, and M. J. Wilberg. 2010. Demographics and parasitism of American eels in the Chesapeake Bay, USA. Trans. Am. Fish. Soc. 139: 1699-1710.

## Curriculum vitae (abbreviated)

Lewis G. Coggins  
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### EDUCATION

2008 Ph.D. Fisheries and Aquatic Science, University of Florida.  
1997 M.S. Fisheries, University of Alaska, Fairbanks.  
1990 B.S. Ecology and Evolutionary Biology, University of Arizona.

### EXPERIENCE

2014-Present US Fish and Wildlife Service, Fishery Biologist, Yukon Delta National Wildlife Refuge  
2011-2014 National Marine Fisheries Service, Mathematical Statistician and Stock Assessment Scientist, Southeast Fisheries Science Center  
2009- 2011 US Fish and Wildlife Service, Course Leader and Instructor, National Conservation Training Center  
1998-2009 US Geological Survey, Research Fishery Biologist and Biometrician, Alaska Science Center and Grand Canyon Monitoring and Research Center  
1988-1998 Alaska Department of Fish and Game, Fishery Biologist, Sport and Commercial Fisheries Divisions

### FACULTY APPOINTMENT AND SERVICE

2011-Present Courtesy Associate Professor, Department of Wildlife Ecology, University of Florida.

### RELEVANT PUBLICATIONS

Carlson, S.R., L.G. Coggins, Jr., and C.O. Swanton. 1998. A simple stratified design for mark–recapture estimation of salmon smolt runs. *Alaska Fisheries Research Bulletin*. 5:88-102.  
Coggins, L.G., Jr and W.E. Pine, III. 2010. Development of a temperature-dependent growth model for the endangered humpback chub using mark-recapture data. *The Open Fish Science Journal*.  
Coggins, L., N. Bacheler, and D. Gwinn. 2014. Occupancy Models for Monitoring Marine Fish: A Bayesian Hierarchical Approach to Model Imperfect Detection with a Novel Gear Combination. *PLoS one*. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0108302#s4>.  
Coggins, L.G., Jr. and T.J. Quinn, II. 1998. A computer simulation of the effects of sample size and ageing error on estimates of sustained yield. *in* (eds): F. Funk, T.J. Quinn II, J. Heifetz, J.N. Ianelli, J.E. Powers, J.F. Schweigert, P.J. Sullivan, and C.I. Zhang. *Fishery Stock Assessment Models*. AK Sea Grant, Fairbanks, AK. AK-SG-98-01  
Coggins, L.G., Jr., D.C. Gwinn, and M.S. Allen. 2013. Evaluation of age-length key sample sizes required to estimate fish total mortality and growth. *Transactions of the American Fisheries Society*, 142:832-840.  
Coggins, L.G., Jr., M.D. Yard, and W.E. Pine, III. 2011. Non-native fish control in the Colorado River in Grand Canyon, Arizona: an effective program or serendipitous timing? *Transactions of the American Fisheries Society*, 140:456-470.  
Coggins, L.G., Jr., M.J. Catalano, M.S. Allen, W.E. Pine, III, and C.J. Walters. 2007. Effects of cryptic mortality and the hidden costs of using length limits in fishery management. *Fish and Fisheries* 8:196-210.  
Coggins, L.G., Jr., W.E. Pine, III, C.J. Walters, and S.J.D. Martell. 2006. Age-structured mark-recapture analysis (ASMR): a VPA based model for analyzing age-structured capture-recapture data. *North American Journal of Fisheries Management*. 26:201-205.  
Pine, W.E., III, J.E. Hightower, K.H. Pollock, L.G. Coggins, Jr., and M. Laretta. 2013. Chapter 12: Design and analysis considerations for tagging experiments. *in* A. Zale, D. Parrish and T. Sutton, eds. *Fisheries Techniques*, 3rd Edition. American Fisheries Society, Bethesda, Maryland.  
Yard, M.D., L.G. Coggins, Jr., C.V. Baxter, G.E. Bennett, and J. Korman. 2011. Trout piscivory in the Colorado River, Grand Canyon: effects of turbidity, temperature, and fish prey availability. *Transactions of the American Fisheries Society*, 140:471-486.

### ALL PUBLICATIONS AND TECHNICAL REPORTS

<http://scholar.google.com/citations?user=VWkBg0oAAAAJ&hl=en>