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July 30, 2019

DECISION MEMORANDUM

TO: Council members

FROM: Erik Merrill
Independent Science Manager

SUBJECT: ISRP Appointment of Tom Quinn and Term Renewal for Stan Gregory

PROPOSED ACTION: Council staff asks that the Council:

1. appoint Thomas Quinn to the Independent Scientific Review Panel (ISRP) for a first term of October 1, 2019 to September 30, 2022
2. renew Stan Gregory's ISRP membership for a second term through September 30, 2023

SIGNIFICANCE: The eleven-member ISRP provides scientific review of Fish and Wildlife Program proposals and their results, improving program implementation and ensuring accountability. In developing these appointment and renewal recommendations, the experience and expertise of the scientists on the ISRP were considered with the goal to maintain a panel that fosters a multi-disciplinary approach and offers fresh perspectives, while preserving an institutional knowledge of independent scientific review and fish and wildlife management in the Columbia River Basin.

BUDGETARY/ECONOMIC IMPACTS

The ISRP operates on an annual budget, independent of the Council's budget, funded by the Bonneville Power Administration through the Fish and Wildlife Program. No additional funds are requested for this appointment and renewal decision.

BACKGROUND

ISAB and ISRP members are eligible for two consecutive three-year terms with adjustments in term duration to ensure continuity. Drs. Quinn and Gregory have been evaluated and recommended by the National Academies of Science, Engineering, and Medicine for their scientific credentials. They meet the required scientific qualifications for ISAB and ISRP membership and do not have any conflicts of interest that would jeopardize the ISRP's independence. They have a track record of being active and valuable ISAB and/or ISRP contributors, and they provide expertise needed to ensure the ISRP is an effective multi-disciplinary group that addresses the Fish and Wildlife Program's many scientific issues informing mitigation, restoration, recovery, and research.

The appointment of Quinn and term renewal for Gregory will establish a base of six ongoing ISRP members. These ongoing members will maintain the groups' institutional knowledge as significant turnover of members is occurring due to many members completing their two full terms. In the next three months, an additional five members will need to be appointed to the ISRP and the ISAB. Preferably, several of these new members will serve on both groups. The ISAB's Ex Officio members¹ – Zach Penny for CRITFC and the Columbia Basin Tribes, Mike Ford for NOAA Fisheries, and Nancy Leonard for the Council – are currently developing a list of potential ISAB appointees for consideration by the ISAB's Administrative Oversight Panel, and Council staff are developing a list for the ISRP. See below for the Tables of ISRP and ISAB Members and Terms.

ISRP Appointment Recommendation

[Thomas Quinn](#), Ph.D., is a professor at the School of Aquatic and Fishery Sciences at the University of Washington. His expertise includes salmon and trout ecology, predator-prey interactions, and selective effects of fisheries and artificial propagation (see his [UW webpage](#) and [Salmon Science website](#)). He recently completed the second edition of his book [The Behavior and Ecology of Pacific Salmon and Trout](#). He has effectively served on the ISAB since October 2018 and if appointed would be a joint ISAB/ISRP member.

ISRP Member Renewal

[Stan Gregory](#), Ph.D., is a Professor Emeritus of Fisheries at Oregon State University. His work has focused on stream ecology, human influences on the ecosystem, and restoration practices that are consistent with natural processes. He is an [award-winning educator](#), and his ability to communicate scientific information to the public and decision makers has been valuable on the ISAB and ISRP. He is currently the ISAB chair and effectively led several ISAB and ISRP reviews during his first term, including the ISAB's Upper Columbia Spring Chinook review.

¹ Ex officio members are liaisons between their agencies and the ISAB, assist in the ISAB's operation and administration, help develop and support assignments, and provide scientific and policy context for reviews.

Tables of ISRP and ISAB Members and Terms

ISRP Member	Affiliation	Expertise	Term
Alec Maule	Formerly with United States Geological Survey	Fisheries - physiological ecology of salmonids (mainstem fish passage)	2020, 2 nd
Desiree Tullos	Oregon State University	Ecohydraulics, river engineering, and restoration	2021, 2 nd
Wayne Hubert	Consultant, formerly with Wyoming Cooperative Fish and Wildlife Unit, University of Wyoming	Fisheries, ecology, and habitat	2021, 2 nd
Stan Gregory	Oregon State University, emeritus	Fisheries, ecology, and habitat	2019, 1 st
Kurt Fausch	Colorado State University	Fisheries - population and stream ecology	2021, 1 st
Greg Ruggerone	Natural Resource Consultants, Washington	Fisheries - ocean and freshwater salmon ecology	2019, 2 nd
Steve Schroder	Fisheries Consultant, formerly with Washington Department of Fish and Wildlife	Fisheries - artificial production, freshwater and estuarine salmon ecology	2019, 2 nd
Chris Wood	Formerly with Department of Fisheries and Oceans, Canada, BC	Fisheries - genetics and ecology of salmon	2019, 2 nd
Robert Naiman	University of Washington	River ecology	2019, 2 nd
David Heller	Aquatic Habitat Management and Restoration Consultant, formerly with U.S. Forest Service, Oregon	Aquatic habitat management, restoration, and monitoring	Complete
Carl Schwarz	Simon Fraser University, Canada	Statistics and actuarial science	Complete

ISAB Member	Affiliation	Expertise	Term
William Jaeger	Oregon State University	Economics and policy	2021, 2 nd
Cynthia Jones	Old Dominion University	Biometrics, fisheries and population dynamics	2021, 2 nd
Thomas Turner	University of New Mexico	Fisheries - genetics	2021, 2 nd
Peter Moyle	University of California, Davis, emeritus	Fisheries, ecology, and habitat	2022, 2 nd
Stan Gregory	Oregon State University, emeritus	Fisheries, ecology, and habitat	2023, 2 nd
Thomas Quinn	University of Washington	Fisheries - salmonid ecology, behavior, and artificial propagation	2021, 1 st
Carl Schwarz	Simon Fraser University, Canada	Statistics and actuarial science	2019, 2 nd
Alec Maule	Formerly with United States Geological Survey	Fisheries - physiological ecology of salmonids (mainstem fish passage)	2019, 2 nd
Steve Schroder	Fisheries Consultant, formerly with Washington Department of Fish and Wildlife	Fisheries - artificial production, freshwater and estuarine salmon ecology	2019, 2 nd
Kurt Fausch	Colorado State University	Fisheries - population and stream ecology	Complete
Kate Myers	University of Washington (emeritus)	Fisheries - ocean and salmon ecology	Complete