

# THE NATIONAL ACADEMIES

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**To:** Melinda Eden, Chair, Northwest Power and Conservation Council  
Olney Patt, Jr., Executive Director, Columbia River Inter-Tribal Fish Commission  
Usha Varanasi, Director, National Marine Fisheries Northwest Fisheries Science Center  
D. Robert Lohn, Regional Administrator, National Marine Fisheries Service

**From:** E. William Colglazier, Executive Officer

**CC:** David Policansky

**Ref:** Nomination of Candidates to the ISAB and ISRP

At the request of the Northwest Power and Conservation Council (“the Council”), the National Marine Fisheries Service, and the Columbia River Inter-Tribal Fish Commission, the National Research Council’s Board on Environmental Studies and Toxicology is pleased to suggest nominees for potential appointment to the Independent Scientific Advisory Board (ISAB) and Independent Scientific Review Panel (ISRP). Dr. David Policansky of the NRC’s Board on Environmental Studies and Toxicology sought the advice of independent experts, including Charles Coutant, John Magnuson, and Daniel Schindler, to help evaluate potential nominees. The National Research Council is submitting a list of the names of 52 scientists from which ISAB and ISRP members can usefully be appointed. Thirty-four are new recommendations from the list of 76 names provided; the additional 18 are recommendations the Research Council has made previously.

The Research Council understands that the Council appoints ISRP members, while the Council, the National Marine Fisheries Service, and the Columbia River Indian Tribes appoint ISAB members. Rather than submit nominees for the ISRP and ISAB in separate memos, we suggest that the selection process for ISAB and ISRP members should be closely coordinated to help maintain the strong collaborative relationship the ISAB and ISRP have formed over the past eight years.

The Research Council was asked to create a very robust pool of ISRP and ISAB candidates that is sufficient in numbers and breadth of expertise to fill ISRP and ISAB vacancies over the next several years. Within this pool of candidates, all of whom are well qualified to serve, we were asked to identify the top two or three candidates and a set of alternates for each area of expertise

needed on the ISRP and ISAB. As has occurred with the past six selection processes, the NRC was encouraged to provide advice on member terms and succession, expertise needed, group direction, and other relevant issues.

The ISAB and ISRP governing documents call for membership to include expertise in the following areas: anadromous and resident fish ecology, statistics, modeling, wildlife ecology, genetics, fisheries, fish passage/bioengineering, fish husbandry, ocean and estuary ecology, geomorphology, and socio-economics. Pacific Northwest scientists with expertise in Columbia River anadromous fish and non-anadromous fish must be included. Previous NRC selections have emphasized the importance of a multi-disciplinary approach, and, in fact, the ISAB and ISRP's multi-disciplinary composition has been critical to the groups' success and ability to cover the wide spectrum of issues, plans, programs, and proposals assigned for the groups to evaluate. The Research Council continues to stress the importance of the social sciences, ethnic and gender diversity in membership, the importance of large system drivers, and cross-pollination with other broad-scale ecosystem recovery efforts, such as those with Atlantic salmon and the successful Great Lakes stocks of introduced Pacific salmon.

The recommended list is provided in the table below organized by expertise. The evaluations were based on biographical and bibliographic information concerning all the persons who were nominated, and reconsidered individuals who had been recommended previously by the Research Council for inclusion in the current pool. Our recommendations under some topical areas, such as harvest and social sciences are few, because few nominees were submitted in those areas. In some cases, the Research Council provided additional nominees to augment the pool of candidates under a specific category of expertise. Overall, the nominees submitted for consideration were highly qualified and the areas of expertise required on the groups are adequately covered. Expertise can rarely be pigeonholed in narrow categories, so many of the nominees have broad backgrounds and can cover multiple disciplines.

The large turnover on the ISRP and ISAB — eight ISAB and seven ISRP positions of the eleven on each board — creates a challenge of balancing the benefits of an influx of new ideas and innovative thinking with the potential loss of institutional knowledge. This balance was considered in developing the recommended list. Many of the top candidates recommended are Pacific Northwest scientists who have participated in independent scientific groups on Columbia River Basin salmon issues, and several have participated in ISRP and ISAB reviews. There are also sufficient candidates who can bring fresh perspectives from outside the basin and beyond fisheries. To also ensure the transition is effective, the Research Council understands the ISAB and ISRP plan to use members who have recently left those bodies extensively as ad hoc and Peer Review Group members. In addition, the Research Council agrees with the ISAB and ISRP coordinators that ex-members be reappointable after absences of preferably three years.

To avoid such a large-scale shift of membership at one time, we recommend that staggered terms (2, 3, or 4 years) be established and maintained to ensure a regular infusion of new members with little disruption to ongoing operation of the ISRP and ISAB. The Council staff has queried all nominees for their interest in serving, if selected. As noted in the table, some potential members are not available now, but would be in a year or so. These nominees could be ready to fill slots vacated at that time. The list below should amply fill the appointment needs of the ISAB

and ISRP for the next 5-6 years, although it might be necessary to consider a new set of nominees for specific areas of expertise, particularly harvest and social sciences, much sooner.

The National Research Council is pleased to have been of service in this manner.

Attachment: Table of Recommendations - from Excel table organized by expertise.

## Table of Recommended ISAB and ISRP Candidates

This table includes candidates who were nominated for this screening process and who have confirmed their present interest in serving on the ISRP and ISAB, and individuals the NRC recommended previously and again in this process (the latter candidates' interest and availability have not been confirmed; they are identified with an asterisk). For each expertise category where applicable, the remaining ISAB and ISRP members are noted, with term expiration dates. Candidates in italics should be considered first for appointment, because of the match of their expertise to the needs of the ISAB or ISRP, because of their experience, or because of other special qualities. Recommendations for ISAB and ISRP are provided separately because the activities of those two bodies differ. All recommended candidates are suitable for service as PRG members, selected on an ad hoc basis for specific reviews.

Name	Affiliation	ISAB	ISRP	Comment
<b>Multiple Expertise</b>				
<i>Mike Healey</i>	University of British Columbia	x	x	
<i>Thomas Quinn</i>	University of Washington	x		
<i>Kate Myers</i>	University of Washington	x	x	Harvest and oceans
<i>Don Chapman*</i>	Consultant	x	x	
<i>Ray Hilborn*</i>	University of Washington	x	x	
<b>Habitat</b>				
Remaining ISAB: Bob Bilby (tributary habitat, October 2007)				
Remaining ISRP: Pete Bisson (tributary habitat, May 2008), Bill Liss (June 2007)				
<i>Hiram Li</i>	Oregon State University	x	x	
<i>Dave Montgomery</i>	University of Washington	x	x	
Chris Frissell	Pacific Rivers, Montana	x		
Clint Shock	Oregon State University extension service		x	
Bruce Ward	University of British Columbia	x	x	
Chris Zimmerman	US Geological Survey, Alaska		x	
<i>LeRoy Poff</i>	Colorado State University	x	x	Not available until 2007
Lisa Eby	University of Montana		x	Not available until 2006 or 2007.

<b>Name</b>	<b>Affiliation</b>	<b>ISAB</b>	<b>ISRP</b>	<b>Comment</b>
Ernest Keeley	Idaho State University	x	x	Not available until 2006.
Bob Beschta*	Oregon State University emeritus		x	
Nancy Grimm*	Arizona State University	x	x	
James Kitchell*	University of Wisconsin	x	x	
Judith L. Meyer*	University of Georgia	x	x	
Kathy Pringle*	University of Georgia	x	x	
William Lewis*	University of Colorado	x	x	
Robert Naiman*	University of Washington	x	x	
Peter Moyle*	University of California-Davis	x	x	
Mary Power*	University of California-Berkeley	x	x	

### **Mainstem/Fish Passage**

<i>Rollin Hotchkiss</i>	Washington State University	x	x	
<i>Tom Poe</i>	Consultant, ex-US Geological Survey	x	x	
Glenn Cada	Oak Ridge National Lab, Tennessee	x	x	
Dennis Scarnecchia	University of Idaho	x	x	
<i>Alex Haro</i>	US Geological Survey, Massachusetts	x	x	Not available until 2006
Mike Schiewe	Consultant, ex-NOAA Fisheries, ex-ISAB ex officio	x	x	Recommend wait a few years.
Richard Whitney	Consultant, ex-University of Washington, ex-ISRP and ISAB	x	NA	Recommend wait a few years.

### **Ocean/Estuary**

<i>Colin Levings</i>	Canada, Department of Fisheries and Oceans	x	x	
<i>William Percy</i>	Oregon State University	x	x	
Eileen Hofmann*	Old Dominion University		x	

Name	Affiliation	ISAB	ISRP	Comment
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### Hatcheries/Genetics

Remaining ISRP: John Epifanio (genetics, February 2007 - 1st term), Eric Loudenslager (hatcheries, May 2008 - 1st term)

<i>Peter Smouse</i>	Rutgers University	x	x	
<i>Eric Taylor</i>	University of British Columbia	x	x	
<i>Chris Wood</i>	Canada, Department of Fisheries and Oceans	x	x	
Jeffrey Olsen	US Fish and Wildlife Service, Alaska		x	ISRP now, potential ISAB
Rick Williams	Consultant, ex-ISRP and ISAB	x	NA	Recommend wait a few years.

### Wildlife

Remaining ISAB: Nancy Huntly (June 2007 - 1st term)

<i>Linda Hardesty</i>	Washington State University	x	x	
Charles Henny	US Geological Survey, Corvallis	x	x	
Bruce Marcot	US Forest Service, Portland	x	x	
Mary Price*	University of California-Riverside emeritus	x	x	
Stanley Temple*	University of Wisconsin	x	x	
John Wiens*	Colorado State University	x	x	

### Modeling/Statistics

<i>Stuart Hurlbert</i>	San Diego State University	x	x	
<i>Roland Lamberson</i>	Humboldt State University	x	x	
<i>Rich Alldredge</i>	Washington State University		x	Also potential ISAB
Robert McKelvey	Consultant, ex-University of Montana	x	x	Not available until 2006 or 2007.
<i>Loveday Conquest*</i>	University of Washington	x	x	

Name	Affiliation	ISAB	ISRP	Comment
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**Socio-economics**

Remaining ISAB: Susan Hanna (October 2007)

<i>Daniel Huppert</i>	University of Washington	x	x	
Bonnie McCay*	Rutgers University	x	x	
Michael Orbach*	Duke University	x	x	

**Harvest**

Remaining ISAB: Susan Hanna (October 2007; management process)

See Candidates with Multiple Expertise.

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