

# **Review of the Marine Recreational Information Program**

## **Committee**

### **Luiz Barbieri**

#### **Co-Chair**

Dr. Barbieri is the science and research director for the Marine Fisheries Research Program at Florida's Fish and Wildlife Research Institute, based out of St. Petersburg, FL. He has an extensive background in marine fisheries science and policy and serves as a key representative on several scientific advisory panels and committees including the Atlantic States Marine Fisheries Commission, the Scientific and Statistical Committee (SSC) for both the Gulf of Mexico and South Atlantic Fishery Management Councils, and as a senior advisor to the Fisheries Leadership & Sustainability Forum, Nicholas Institute for Environmental Policy Solutions at Duke University. Dr. Barbieri received a B.S. in biology from Santa Ursula University, a M.S. in biological oceanography from Rio Grande University, and a Ph.D. in marine fisheries science from the College of William and Mary.

### **Cynthia M. Jones**

#### **Co-Chair**

Dr. Jones is a professor and eminent scholar in the Ocean, Earth, and Atmospheric Sciences department of Old Dominion University. Her research interests include demography of fish based on age evaluation, stock assessment, recreational angler surveys, simulation modeling, and quantitative statistics. Dr. Jones has been the recipient of multiple awards and honors, including: AAAS Fellow, Outstanding Virginia Scientist, Outstanding Professor, and Fulbright Senior Scholar Award. Dr. Jones served on the National Research Council (NRC) Ocean Studies Board from 2005-2007. She was also a member of multiple previous NRC studies, including the Committee for Review of the National Marine Fisheries Service: Use of Science and Data in Management and Litigation, which she chaired. Dr. Jones received her B.A. in zoology from Boston University. She received her M.S. and Ph.D. in oceanography from the University of Rhode Island.

## **Jill Dever**

### **Member**

Dr. Dever is senior survey statistician at RTI International in Washington, DC. Her current research interests include statistical and methodological issues for dual-frame random-digit-dial and address-based sample surveys, along with nonprobability studies and survey weight calibration with estimated population value. In addition, her experience includes creating software for optimizing complex sample designs; constructing linearization and replicating analysis weights using calibration techniques; and analyzing data from complex surveys. To date, she has worked on a variety of surveys that address pertinent issues of our times in the areas of health care, education, and the U.S. Military. Dr. Dever received her B.S. in mathematics from the University of Louisville, located in her hometown. She received her M.S. in biostatistics from the University of North Carolina Chapel Hill and her Ph.D. in survey methodology from the Joint Program in Survey Methodology at the University of Maryland College Park.

## **David Haziza**

### **Member**

Dr. Haziza is a professor in the Department of Mathematics and Statistics at the Université de Montréal. His research interests include theory and application of survey sampling, and specifically, inference in the presence of missing data or influential units, resampling methods, and calibration. Dr. Haziza received his Ph.D. in statistics from Carleton University.

## **Jeffrey C. Johnson**

### **Member**

Dr. Johnson is a professor of anthropology at the University of Florida. His research interests include network models of complex biological systems and the application of continuous time Markov chain and exponential random graph models to the study of trophic dynamics in food webs. His most recent work involves the development of methods for the reliable tagging, coding and network modeling of large corpora of related texts. He has published extensively in anthropological, sociological, biological and marine science journals and was the founding editor of the Journal of Quantitative Anthropology, and co-editor of the journal Human Organization. He is currently an associate editor for the Journal of Social Structure and the journal Social Networks. Dr. Johnson received his Ph.D. in anthropology from the University of California, Irvine.

## **Bruce Leaman**

### **Member**

Dr. Leaman is currently the Executive Director of the International Pacific Halibut Commission and has been since 1997. His research interests have included fisheries management, stock assessment, reproductive biology, and population dynamics. Dr. Leaman served on the 2006 National Research Council Committee on Review of Recreational Fisheries Survey Methods. Dr. Leaman received his B.Sc. from Simon Fraser University. He also received his M.Sc. and Ph.D. from the University of British Columbia.

## **Thomas Miller**

### **Member**

Dr. Miller is a professor of fisheries and bioenergetics and population dynamics, as well as the Director of the Chesapeake Biological Laboratory at the University of Maryland's Center for Environmental Science. Dr. Miller's research interests include recruitment and population dynamics of aquatic animals, fish early life history, and blue crabs. His relevant National Research Council service includes membership on the Committee on Sustainable Water and Environmental Management in the California Bay-Delta and the Panel to Review California Draft Bay Delta Conservation Plan. He is also currently serving as a member of the Panel on Life Sciences. Dr. Miller received his B.Sc. in human and environmental biology at the University of York. He later received his M.S. at North Carolina State University in ecology, and his Ph.D. in zoology, also from North Carolina State University.

## **Sean P. Powers**

### **Member**

Dr. Powers is a professor and chair of marine sciences at the University of South Alabama and senior marine scientist at the Dauphin Island Sea Lab. His research focuses on the ecology of coastal/estuarine fishes and benthic invertebrates, particularly those that support commercial and recreational fisheries. The goal of his research program is to provide scientifically sound information to direct conservation and restoration efforts of marine fisheries and the habitats that these species rely upon. He has served on one National Research Council committee, the Committee on U.S. Army Corps of Engineers Water Resources, Science, Engineering, and Planning. Dr. Powers received his Ph.D. in zoology from Texas A&M University.

## **Steve Williams**

### **Member**

Mr. Williams is a Senior Program Manager for the Pacific States Marine Fisheries Commission. Mr. Williams is primarily responsible for program oversight of the Pacific RecFin database program as well as several other Columbia River and Pacific coast marine projects dealing with salmon and highly migratory species management issues. Mr. Williams spent 39 years as both a fish and a wildlife manager for the Oregon Dept. of Fish and Wildlife. His management experience covers a broad range from field sampling of both marine and freshwater fisheries to a period as Deputy Director of the Oregon Department of Fish and Wildlife. He served as the Oregon state representative to the Pacific Fishery Management Council for approximately 5 years. Mr. Williams received his B.S. in fisheries from Oregon State

## **Susan J. Roberts**

### **Staff Officer**