

## HATCHERY SCIENTIFIC REVIEW GROUP Biographical Information

### Agency Scientists

#### **John Barr**

Nisqually Natural Resources Department  
Olympia, WA

John Barr is a Fishery Biologist for the Nisqually Indian Tribe and was appointed to represent the Tribes of the Northwest Indian Fisheries Commission on the HSRG. For the past 20 years he has worked with tribes throughout Puget Sound and Hood Canal in fisheries management. He has planned, designed, and operated nearly every type of fish rearing facility, including low cost, low-tech stations, marine net-pens, and one of the newest and largest tribal facilities in Puget Sound. In addition to his experience with the practical applications of salmon culture, he is familiar with the current processes involved in artificial production programming, and many of the existing hatchery operating guidelines. He has also been involved in the development of both regional and species management and restoration plans.

#### **Donald Campton**

U.S. Fish & Wildlife Service  
Abernathy Fish Tech. Center  
Longview, WA

Don Campton has a B.S. in Genetics (1974) from the University of California, Berkeley; a M.S. in Fisheries, 1981, University of Washington, Seattle; and a Ph.D. in Genetics, (1986) from the University of California, Davis. His employment includes:  
1997-pres. Regional Geneticist, U.S. Fish & Wildlife Service, Longview, WA.  
1986-1997 Assistant/Associate Professor, Department of Fisheries & Aquatic Sciences, University of Florida, Gainesville, FL.  
1981-1986 Graduate Research Assistant, Department of Animal Science and Genetics Graduate Program, University of California, Davis, CA.  
1978-1980 Fisheries Research Biologist, Washington State Department of Game, Mount Vernon, WA.  
1976-1978 Graduate Research Assistant, School of Fisheries, University of Washington, Seattle.

#### **Conrad Mahnken**

National Marine Fisheries Service  
Manchester, WA

Conrad Mahnken has a B.S. & M.S. in Oceanography and a Ph.D. Fisheries. Dr. Mahnken's present position is Program Manager and Laboratory Director for the Manchester Laboratory, Northwest Fisheries Science Center, NOAA Fisheries. His career history is as follows;

1960–62, Biologist with the U.S. Atomic Energy Commission, at various tropical atolls in the Pacific Proving Ground studying the fate of radioisotopes in the aquatic food web. 1962–64, Oceanographer with the Department of Interior, Program Leader Zooplankton Ecology and Chief Scientist on oceanographic cruises to the tropical Atlantic (west Africa) to study tuna ecology; 1964–67 moved to Miami to open a new federal fisheries laboratory and conduct tuna research in South America and the Caribbean. 1967–68 returned to Seattle to conduct baseline oceanographic studies prior to underground nuclear testing on Amchitka Island in the Aleutians. 1969, NOAA Man in the Sea Program as one of four U.S. Aquanauts to occupy the Tektite Underwater Laboratory on St. John, Virgin Islands (60 days on the seafloor). 1970, helped establish the National Marine Fisheries Service, Manchester Fisheries Laboratory on western Puget Sound. Dr. Mahnken has been director of the laboratory for 20 years. Additional activities include chairmanship of the U.S./Japan Natural Resources Committee on Aquaculture, member of all NMFS Biological Review Teams for proposed ESA listings of Pacific Northwest salmonids. Research at the Manchester Laboratory is presently focussed on the conservation and recovery of threatened and endangered sockeye and chinook salmon in the Pacific Northwest. Dr. Mahnken and his staff are recognized for pioneering new conservation and enhancement strategies and technologies for the restoration and recovery of Pacific salmon populations.

### **Paul Seidel**

Washington Department of Fish and Wildlife  
Olympia, WA

Paul Seidel has been involved with Washington Department of Fish and Wildlife hatchery activities for 25 years. He has a B.S. in Biology & Chemistry (1974) from St. Martin's College; and a M.S. in Fisheries (1977) from the University of Washington. He currently leads and advises strategic planning, policy development, and negotiations for all hatchery reform activities in Washington State. Previous roles have included Operations Manager and Area Division Manager for agency fish cultural facilities; Fish Research Biologist for statewide hatchery research and evaluation activities; Coordinated the establishment and operation of all cooperative and non-departmental salmonid cultural facilities in Washington. He has been involved in the development of many salmonid recovery programs in Washington.

## **Independent Scientists**

### **H. Lee Blankenship**

Northwest Marine Technology  
Olympia, WA

Lee Blankenship is a Senior Research Scientist with Northwest Marine Technology. In 2002 he retired after 30 years at the Washington Department of Fish and Wildlife. He was instrumental in the development of the coded wire tag and has spent most of his career developing and evaluating stock identification tools. He has authored numerous

publications dealing with stock identification and marine stock enhancement. He has served five years as an associate editor for the " North American Journal of Fisheries Management " and is an Adjunct Scientist with Mote Marine Laboratory, Florida.

**Trevor Evelyn**

Fisheries and Oceans Canada  
Pacific Biological Station  
Nanaimo, B.C.

Trevor Evelyn retired from his position as head of the Fish Health and Parasitology Section at the Department of Fisheries and Oceans' Pacific Biological Station (PBS) in Nanaimo in 1997 after an active 32-year career of research in the fish health field. Dr. Evelyn's extensive studies on fish disease control have been widely published in leading fish health journals, and his expertise in his field is well recognized both nationally and internationally. At the request of various national and international organizations, he has undertaken projects in many parts of the world. In North America, he served the Fish Health Section of the American Fisheries Society (AFS) in a number of capacities, including that of its elected President. His work has earned him various honors including the SF Snieszko Distinguished Service Award and an Honorary Doctor of Letters degree from Malaspina University College. In his retirement, Dr. Evelyn has remained active. His advice is still constantly sought after by individuals and agencies with fish health-related problems, by the editors of a number of science journals, by book publishers, by various Canadian and foreign science funding agencies, and by the Canadian Experts Services Organization. Currently, Dr. Evelyn enjoys post-retirement office facilities at PBS and has been accorded the title of Scientist Emeritus.

**Lars Mobernd**

Mobernd Biometrics  
Vashon, WA

Lars Mobernd has been involved in Northwest fisheries issues as a researcher, manager, planner, and scientific advisor for over 30 years. He holds a Ph.D. in biomathematics from the University of Washington. Dr. Mobernd currently heads a consulting group involved with ecosystem planning, resource restoration, cumulative impact analysis, and facilitation of cooperative resource planning projects. Previous roles include Chief of Salmon Harvest Management and Chief of the Salmon Research Division for the Washington Department of Fisheries; Technical Mediator on inter-tribal harvest allocation issues in the US v Washington Case Area; and serving as Technical Advisor to the Federal Judge in the US v Washington fishing rights case (Boldt Case) and as Chairman of the Fisheries Advisory Board under US v Washington.

**Lisa Seeb**

Gene Conservation Laboratory  
Alaska Department of Fish and Game  
Anchorage, AK

Lisa Seeb serves as the Principal Geneticist within the Gene Conservation Laboratory for the Division of Commercial Fisheries of the Alaska Department of Fish and Game in Anchorage. Dr. Seeb received an A.B. in Zoology (University of California), an M.A. in Zoology (University of Montana), and a Ph.D. in Fisheries (University of Washington). Prior to migrating north to join the Alaska Dept. of Fish and Game in 1991, she worked as a consultant in fisheries genetics in the Puget Sound region, served as a geneticist for NMFS in Seattle, and as a Research Assistant Professor at the University of Idaho and Southern Illinois University. Her career-long research interest has been in the use of molecular genetic methods to improve the management of wild and hatchery populations of salmonids and marine fishes. She has participated as an author on numerous peer-reviewed scientific publications and technical reports and served as an Associate Editor for the North American Journal of Fisheries Management. Currently, she is an Associate Editor for the Journal of Heredity. She is also a member of the Committee on Scientific Research and Statistics for the North Pacific Anadromous Fish Commission (NPAFC), chairs the Stock Identification Working Group within the Commission, is a member of the Joint Technical Committee for the U.S./Canada Yukon River Panel, and is serving as President of the Genetics Section of the American Fisheries Society.

**William Smoker**

School of Fisheries and Ocean Sciences  
University of Alaska  
Juneau, AK

Bill Smoker is a Professor of Fisheries at the School of Fisheries & Ocean Sciences, University of Alaska Fairbanks, located at the School's Juneau Center. His research is on the biology of Pacific Salmon, particularly on aspects related to conservation and to artificial culture. Dr. Smoker serves on the Board of Directors of one of Alaska's regional non-profit salmon aquaculture corporations (Prince William Sound Aquaculture Corp) and on the Northwest Power Planning Council's Independent Science Review Panel for the Columbia River Basin. He earned his BA in Biology from Carleton College ('67), and his MS in Oceanography ('69) and PhD in Fisheries ('81) from Oregon State University.