

David H. Wallace Award

For the Wallace Award, the Awards Committee of the National Shellfisheries Association selects individuals whose actions most demonstrate the principles and actions concerned with programs in shellfisheries, aquaculture, and conservation as exemplified by Mr. David H. Wallace during his lifetime in promoting understanding, knowledge, and cooperation among industry members, the academic community, and all levels of government, and who has had outstanding success in bringing together shellfish scientists and industry officials for the benefit of shellfisheries.

Bylaws of the NSA

The biographies of Wallace Award recipients from 1991 to the present are being published in this and recent issues of the NSA Quarterly Newsletter as they were presented at the time of award receipt.

Dr. Neil Bourne, 1991

Neil Bourne obtained his training in Freshwater Biology in Ontario with a M.Sc. at the McMaster University in Hamilton and Ph.D. at the university of Toronto. Between his graduate programs he studied Marine Biology at the University of Kiel in Germany. He was in charge of sea scallop investigations at the Biological Station in St. Andrews, New Brunswick for six years prior to his over twenty-five years of outstanding intensive bivalve research at the Pacific Biological Station in Nanaimo, British Columbia. He was seconded to the Canadian International Development Agency in the mid 1970's for one and a half years, serving as the Director of the Fisheries Training Program at the University of the South Pacific in Fiji.

Neil's research and training accomplishments cover a wide area of shellfish studies involving population dynamics, stock assessment, life histories, rearing technology and most recently the feasibility of scallop culture on the Pacific coast of Canada. His wide ranging experiences are captured in his more than 135 publications.

Neil was the first non-American President of the National Shellfisheries Association in 1981-1982; President of the Aquaculture Association of Canada in 1987; World Mariculture Society Board Member from 1984 to 1986 and was an Affiliate Professor in the College of Fisheries, University of Washington, Seattle, from 1972 until his retirement in 1995. He has served on countless advisory, graduate student, aquaculture organizational, federal and provincial committees throughout his eminent career.

The National Shellfisheries Association enthusiastically acknowledges the extensive and critical contributions that Neil Bourne has, and continues to make, to the field of shellfish research.

Dr. Mel Carriker & Dr. Cathy Enright

Clyde L. Mackenzie, Jr., 1993

Clyde MacKenzie's professional career is exemplified by his alliance between fisheries science and industry. He has devoted 35 years studying factors limiting shellfish abundance and distribution, and, more importantly, the transfer of that knowledge to benefit industry and the citizenry.

Mr. MacKenzie, whose career began with the National Marine Fisheries Service in 1958, is probably most noted for his 1989 monograph "A Guide for Enhancing Estuarine Molluscan Shellfish" which was first published in *Marine Fisheries Review*. This guide was subsequently reprinted independently by the Pisces Publishing Group. He recently realized a dream with publication of *The Fisheries of Raritan Bay*, Rutgers University Press. This is an extensive documentation of the history of fishing and shellfishing in Raritan Bay (New York/New Jersey). He painstakingly sought out retired and active shellfishermen to interview and piece together historical data and information which would have been lost forever without his efforts.

He has been recognized on four occasions for the NMFS Outstanding Publication Award for the best annual publication in *Marine Fisheries Review*, the first four-time achiever of this award!

Clyde has nearly 60 publication on the ecology of shellfish and methods of enhancing the fisheries. His practical, user-oriented approach has been greatly appreciated by shellfishermen and is a credit to the agency. His contributions, however, go far beyond research and writing. He has worked closely with other scientists, fishermen, and industry to enhance shellfish populations and harvests in six North American estuaries.

For the first 12 years of his career, he cooperated closely with the oyster industry in Long Island Sound, developing predator control methods and more efficient fishing techniques. That industry now produces more oysters than any Atlantic coast oyster industry southward to Florida. In 1972 he had a long-term assignment with the Prince Edward Island Provincial Department of Fisheries to advise on revitalizing its depressed oyster industry. He developed a program which is still in effect 20 years later. It increased oyster production and fisher's income. He also created a plan for the Mississippi Marine Conservation Commission to help revive its oyster industry. More recently, Clyde served as consultant to the New Jersey Division of Marine Fisheries to enhance the Delaware Bay oyster industry where he engendered a program for direct marketing of bay oysters.