

Brian Everett Riddell (PhD, BSc)

Not Relevant

**Office: 300 – 1682 West 7th Avenue,
Vancouver, B.C. V6J 4S6
604-664-7664 (ext 105)**

brianriddell@shaw.ca

briddell@psf.ca

After thirty years of service to the public service of Canada I have recently accepted the position of CEO and President of the Pacific Salmon Foundation (PSF), a not-for-profit, charitable foundation dedicate to the conservation of Pacific salmon and restoration of their habitats. During my tenure with the Department of Fisheries and Oceans, I established a reputation for objective accurate advice to senior management and integrity with all users and conservation groups in Canada and throughout the North Pacific region. Within the PSF, I look forward to a strong cooperative relationship with the federal, provincial, and First Nation agencies in support of the daunting tasks in salmon conservation, protection, and restoration.

Degrees:

1979 Ph.D., McGill University, Dept. Biology (Population biology/genetics)

Environmental and Genetic sources of geographic variation in populations of Atlantic salmon (*Salmo salar* L.) Supervisor: Dr. William C. Leggett.

1974 B.Sc., University of Guelph, Dept. Biology (Honours Marine Biology)

Employment History:

Sept. 1979 – August 2001. Research scientist and program manager for various programs and sections related to Pacific salmon stock assessment, population genetics research, and international fishery issues (Pacific Salmon Treaty and International North Pacific Fisheries Commission (later became NPAFC). Promoted to SE-RES04.

Sept. 2001 – April 2004. Science Advisor, Pacific Fisheries Resource Conservation Council, Vancouver, B.C. (Hon. J. Fraser, Chair). Secondment from DFO.

April 2004 – Advisor on Pacific Salmonids, Office of the Director, Science Branch, Department of Fisheries and Oceans, Pacific Biological Station, Nanaimo, BC.

April 2005 – January 2009. SE-REM02, Division Head, Salmon and Freshwater Ecosystems, Science Branch, Department of Fisheries and Oceans, Pacific Biological Station, Nanaimo, BC.

February 2009. CEO and President, Pacific Salmon Foundation, Vancouver, BC. (www.psf.ca)

Advisory Roles:

1980-1984 Technical committees, International North Pacific Fisheries Commission.

1985 – 2002 member and chair, Salmon Sub-Committee, PSARC

1983-2002 Canadian Chair, Chinook Technical Committee of the Pacific Salmon Commission.

1985-1999 member, Standing Comm for Statistics and Research, Pacific Salmon Commission.

1987-1989 Associate Editor for Genetics, American Fisheries Society

1992-1995 appointed to *U.S. National Research Council*, Committee on Protection and Management of Pacific Northwest Anadromous Salmonids (1996 publication)

1996 to Sept. 2005. Member, Independent Scientific Advisory Board and Independent Scientific Review Panel (advisory bodies for salmon conservation and restoration within the U.S. Pacific Northwest states, nomination and selection via U.S. National Science Council.

2005 - 2008 Canadian member, North Pacific Anadromous Fish Commission.

2005 - 2009. Scientific Advisory Committee to B.C. Pacific Salmon Forum (Hon. J.Fraser chair).

2005 - 2009. Member, Pacific Region's Killer Whale Recovery Team

2007 – Ongoing. Member of the Advisory Board for the SFU Leadership on Salmon Conservation and Management (Dr. John Reynolds, incumbent).

2009 – Appointed to Royal Society of Canada's Expert Panel on Ocean Climate Change and Marine Diversity.

2009 Appointed as Canadian Commissioner, Pacific Salmon Commission

Public Service Awards:

1989. Public Service of Canada Merit Award (for Chinook salmon conservation).

1994 Canada Medal (125th Year Commemorative Medal) ... for citizenship in the community and contributions to the conservation of Pacific salmon and the Public Service of Canada.

1996. Public Service of Canada Award of Merit for responding to the 1995 Alaskan Chinook fisheries and representing Canada in the U.S. supreme court case.

1997 Public Service of Canada Award of Merit for establishment of Chinook conservation program in Canada, 1996. (Team award)

2000. Assistant Deputy Minister's Commendation Award for contributions to achieving the 1999 Chinook agreement in the Pacific Salmon Treaty.

2000. Deputy Minister's Prix d'Excellence Award for contributions to the Department and the Public Service of Canada.

2005 Public Service Distinction Award for development of 'Canada's Policy for Conservation of Wild Pacific Salmon'

2005 Deputy Minister's Prix d'Excellence Award for contributions to the Department and the Public Service of Canada.

Fields of Research and Interest:

1. Population biology and genetics of Pacific salmonids (population dynamics, life history, and fishing mortality estimates for Pacific salmon, in particular Chinook salmon; and appropriate management policy for Pacific salmonids).
2. Formulation of science-based policy for conservation and utilization of Pacific salmon (scientific lead on 'Canada's Policy for Conservation of Wild Pacific Salmon')
3. Research and advisory roles for international fisheries management of Pacific salmon.

Society Memberships:

American Fisheries Society, member of Canadian Concerns section and Genetics section.
International Society for Conservation Biology, member.

Publications:

Dr. Riddell is widely published with over 100 publications in the primary scientific literature and secondary literature for the provision of advice to the Department of Fisheries. The latter includes numerous stock assessment reports and annual reports in support of the Pacific Salmon Treaty with the United States. In addition, as a member of the U.S. science panel, he also contributed to 25 publications including chapters in two books. In addition, as the Science Advisor to the PFRCC, he authored and co-authored six technical reports covering their Annual Report 2001-2002 (Stock Assessment of Pacific salmon in Southern BC), the Broughton Archipelago Pink Salmon advisory, the PFRCC Aquaculture Advisory, the Stock Assessment for Central and Northern BC, a

technical review of over-escapement, an Advisory on a proposed Aquaculture Forum for BC, and review of the “Hatchery Debate”. (each available at: www.fish.bc.ca)

For example, most recently:

Riddell, B.E., et al. 2008. Comment on “Declining wild salmon populations in relation to parasites from farm salmon. Science Magazine Vol. 322.

Schindler, D. E. et al. 2008. Climate change, ecosystem impacts, and management of Pacific salmon. Fisheries 33 (10): 502-506.

Beamish, R.J. and B.E. Riddell. 2009. The future of fisheries science on Canada’s Pacific coast is keeping up with the change. Pg 567-596. In: The Future of Fisheries Science in North America., Fish & Fisheries Series, No. 31, Springer-Science.

Presentations:

Dr. Riddell is frequently requested to address national and international conferences. In recent years he has consistently presented 2 to 3 keynote lectures plus he frequently addresses user groups and conservation organizations in Canada and the United States.

For example:

February 2009. Co-chair of the International ‘State of the Salmon’ Conference, Vancouver, B.C. (all 5 member nations of NPAFC participated)

August 2008. “Thoughts from Roderick Haig Brown ... in relation to Canada’s Wild Salmon Policy”. Haig-Brown Symposium on Sustaining Wild Salmon: Moving from words to actions. Campbell River, August 16-17, 2008.

August 2008. Canada’s Policy for the Conservation of Wild Pacific Salmon: conservation planning for an uncertain future. Opening address in Symposium 13. Annual meeting of the American Fisheries Society, Ottawa, Ontario.

October 2007. Climate Impacts on Sockeye salmon (*Oncorhynchus nerka*), Fraser River, B.C., Canada. International Scientific Conference “Pacific salmon abundance dynamics and forecasting of their approaches”. Yuzhno-Sakhalinsk, Russia.

April, 3, 2007. Keynote Introductory speaker: “How did we get here in fisheries management ... a century of learning?” Oregon Sea Grant Conference, Pathways to Resilience in Salmon Ecosystems.

Further, in his recent tenure with the Department of Fisheries and Oceans, he represented the Department as media spokesperson for: the status and stock assessment of Pacific salmon, the scientific basis of Chinook annex of the Pacific Salmon Treaty, and issues related to salmon farming, sea lice, and wild Pacific salmon in British Columbia.

Vancouver Island University

Since the winter semester 2006, Dr. Dick Beamish and Dr. Riddell have jointly presented a 4th Year course “423: Fisheries Management and Climate”. The course provides a broad background to theory and methods in fisheries management and current issues, including climate change and its potential impact on ecosystems in the Strait of Georgia. Both Beamish and Riddell donate the lectureship salary to the University’s student scholarship fund and present annually the Frank Bernard Memorial Scholarship.

Personal References:

Hon. John A. Fraser P.C., O.C., O.B.C., C.D., Q.C. LL.D.

W.J.D. (John) Woodward. Chairman and Director, Pacific Salmon Foundation.