

Mark Sheppard, BSc., DVM

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Professional Employment:

- 2011 - Fisheries and Oceans Canada (DFO):**
VM3 Lead Veterinarian – Pacific Region;
Fisheries Management, Aquaculture Management Division
Aquaculture Environmental Operations – Fish Health Unit
Supervising 4 staff; duties include:
- health management planning, review, compliance and reports;
 - health auditing and surveillance;
 - sea lice auditing and monitoring;
 - Access to Information requests - all matters fish health;
 - liaison: Directors, communications units, industry;
 - web content, quarterly and annual strategies/reports;
 - liaison: inter-branch and inter-agency committees;
 - o National Aquatic Animal Health Committee
 - o Vancouver Island University – Canadian Council for Animal Care
 - o BC's Introduction and Transfer Committee
 - budget and Expense Authority.
- 2007 - 2010 British Columbia Min. of Agriculture and Lands (BCMAL):**
VM4 Veterinarian, Aquatic Animal Health (AH Branch)
Manager of the provincial Fish Health Program (5 staff).
- 2000 - 2007 Self-employment: Sakana Veterinary Services Ltd. (sVs)**
National and International fish health management training and consulting services in Canada, Japan, USA and Australia. Other project experience in Ireland, Norway, Chile, Philippines, China and Sri Lanka.
Contracts included:
- Federal Dept. of Fisheries and Oceans – BC
 - BC Ministry of Agriculture & Lands; Fish Health Program
 - Koi culture veterinary inspection – BC
- Corporate profile of [sVs Ltd.](#) Remains available on-line.
- 1991 - 2000 Skretting (Nutreco) Canada.**
- 1994 – 2006 Veterinary fish health consulting & training: Japanese aquaculture.
 - 1991 – 2000 Manager of the Technical Service Department (3 staff), BC
- 1988 - 1991 International Aqua Foods Ltd., Vancouver, BC**
- 1990 - 91 Veterinarian Manager of fish health, BC
 - 1988 - 89 Aquaculture labourer and fish health diagnostician (fresh water & marine sites), Vancouver Island.

Education:

- 1986 - 1990** Doctorate of Veterinary Medicine (DVM) with Distinction, Western College of Veterinary Medicine, Univ. of Saskatchewan.
- 1980 - 1984** Bachelor of Science (BSc. Advanced) with Great Distinction, University of Victoria - - University of Saskatchewan.

Scholastic Awards:

- 1990** Canadian Veterinary Medical Association Award (WCVN, U of S).
- 1989** Hatlelid Leadership Scholarship (U of S).
- 1989** Pfizer Company Leadership Award (WCVN, U of S).
- 1988** Class Citizenship Award (WCVN, U of S).

Pertinent Fisheries Publications & Selected Projects:

- BC Provincial Annual Fish Health and Sea Lice Reports (2006 - 2009).
- BC Provincial Sea lice Management Strategies (2006 - 2009).
- Sheppard, M. (2007): Emergency preparedness & response to mass mortality of yellowtail kingfish – development of plans and protocols. (under review for publication 2007).
- Courses conducted: Aquaculture regulatory medicine – annual lecture, Calgary Veterinary College, 2007-2010.
- Courses conducted: Fish health management - "Training the trainers" of Sri Lanka (2006).
- Courses conducted: Fish health management – South Australia Kingfish Association (2005).
- Sheppard, M. (2004, 2005): A photographic guide to diseases of yellowtail (Seriola) fish (ISBN 0-920225-14-4 (English), 0-920225-15-2 (Japanese)).
- Sheppard, M. (2005): Detection & management of health issues in yellowtail kingfish – the foundation for a health program for Australian finfish aquaculture. (ISBN 0-975776-70-3).
- Sheppard, M. and R.C. Stephen (2004): Guidelines to managing fish health of yellowtail kingfish.
- Risk assessment of Seriola diseases in South Australia (2004).
- Sheppard M. (2004): Special report: Japanese vs. Canadian Aquaculture, Parts 1 & 2. AquaNet Japan, volumes 7 (5):p71-72, 7 (8): p56-57. (Reprinted in Northern Aquaculture).
- Risk assessment of bio-security and pathogen transfer within BC aquaculture (2002).
- Co-author of Provincial 'Fish Health Code of Practice' development for B.C. Ministries of Fisheries, Agriculture and Food (CCH, 2000).
- Sheppard M. (2000): Antibiotic use in the B.C. aquaculture industry (1996-1998). Bull.Aquacul.Canada, 100-1: p13-16.
- Sheppard M, Beattie MJ, Johnson CK. (1994): Efficacy of Aquaflor premix against furunculosis in Atlantic salmon smolts in BC. Bull.Aquacul.Canada, 94-2:p51-53.
- Sheppard M. (1992): Clinical impressions of furunculosis in B.C. waters. Bull.Aquacul.Canada, 92-1: p29-30.
- Field epidemiology presentations (1994-2002).
- Salmon Aquaculture Review Committee (1995-96).
- Immuno-modulation by B-glucans (1993-97).
- Clinical and pharmacological field trials (1990-94).

Continuing Education / Courses Attended (2000 - present):

- Fishery Guardian and Aquaculture Inspection
- Occupational Health and Safety
- International sea lice symposium
- Mollusc health and disease management
- World Veterinary Congress 2008
- Supervisor essentials – Leadership
- Be the Supervisor you wish you had
- Working effectively with Aboriginal Peoples
- Provincial Expense Authority certification
- Inter-cultural and inter-personal management (Holland)
- Japanese language and cultural awareness training (Japan)
- Canadian Food Inspection Agency - Fish inspection science forum
- Applied aquaculture epidemiology
- Judicious use of antimicrobial compounds in aquaculture
- Broodstock & stress management in fish husbandry

Professional Affiliations:

- Canadian Veterinary Medical Association (CVMA, 1990-2010)
- British Columbia Veterinary Medical Association (BCVMA, 1990--)
- South Australia Veterinary Surgeons Board (SAVSB, 2003-2008)
- Canadian Association of Aquatic Veterinarians (CAAV, 1992--)
- Association of Aquaculture Veterinarians of BC (AAVBC, 1990--)
 - President (1994-96), Secretary (1999-00)
- Centre for Coastal Health – BC affiliate (CCH, 1998--)
- Veterinarians Without Borders – Canada (VWB, 2005-2007)

Current Workplace Certifications and Safety:

- Marine Advanced First Aid and CPR Level C
- Occupational First Aid – Industry
- Spinal Immobilisation Endorsement for emergency transport
- Marine Emergency Duties (A3)
- Radio Operator Certificate
- Small Vessel Operator Proficiency 2010 (+20 years marine boating experience)
- DFO Fishery Guardian (2011)