

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 Veterinary 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, Uof 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)