

Curriculum Vitae

SALLY A. GOLDES

Personal Information Redacted

EDUCATION **BS., Fisheries Biology, 1981**
Department of Zoology
University of Guelph, Ontario

MSc., Fish Pathology, 1983
Dr. H.W. Ferguson, DVM, PhD
Department of Pathology
Ontario Veterinary College
University of Guelph, Ontario

- Thesis: Bacterial Gill Disease, Role of Suspended Solids
- Clinical Diagnosis and Treatment of Fish Diseases
- Histopathology

PhD Candidate, 2001-2009
Degree Incomplete
Dr. B. Koop, PhD
Center for Biomedical Research
Department of Biology
University of Victoria, British Columbia

- Thesis: Comparison of the Acute Phase Response to IHNV in Sockeye versus Coho Salmon.
- Cell Culture and Virus Propagation
- Microarray Analysis
- Cloning
- RNA Extraction
- PCR, RTPCR, QPCR
- Statistical Analysis using R

**EMPLOYMENT
EXPERIENCE** **Senior Fisheries Biologist (Bio4), 1985-2001**
Mr. D. Peterson, Manager, Fish Culture Section
British Columbia, Ministry of Environment, Lands & Parks
Fisheries Branch
Fish Culture Section
Fish Health Unit

- Fish Health Unit Section Head (17 years)
- Administered laboratory budget of approximately \$100,000/year.
- Supervised fish health laboratory staff.
- Supervised operation of laboratory involved in the diagnosis and treatment of fish diseases in BC government fish hatcheries.
- Virology (cell culture, viral testing, mycoplasma testing, IFAT, PCR).
- Microbiology (bacteriology, bacterial identification, antibiotic susceptibility testing, treatment).
- Parasitology (identification, treatment, PCR (*Myxobolus cerebralis*, *Ceratomyxa shasta*)).
- Pathology (histopathology analysis, histology processing).
- Hematology.
- Fish disease treatment and prophylaxis (vaccines, antibiotics, chemical therapeutics).
- Conducted field surveys of fish diseases (viruses, parasites (*Myxobolus cerebralis*, *Ceratomyxa shasta*) in selected BC inland watersheds.
- Risk assessment, Whirling Disease.
- Administered Canadian Fish Health Regulations (Fish Health Official).
- Inspected commercial Atlantic salmon aquaculture facilities in Ireland and Scotland immediately prior to importation of Atlantic salmon eggs into British Columbia.
- Member BC Federal/Provincial Fish Introductions and Transfers Committee.
- Advised Fisheries Branch Management on policies related to fish diseases and fish introductions into BC and Canada.
- Represented the Fisheries Branch on National and joint US-Canadian fish health committees.
- Lectured and conducted in-house training workshops on fish disease issues for Fisheries Branch staff.
- Lectured and taught labs on fish diseases at the University of British Columbia, Simon Fraser University and Malaspina-University College.
- Prepared successful grant applications for research funds.
- Contract manager for numerous service and research contracts with the private sector.
- Published research in scientific journals and government publications.

Publications

SA Goldes and HW Ferguson. 1986. Phagocytosis of the inert suspended clay kaolin by the gills of rainbow trout, *Salmo gairdneri* Richardson. *Journal of Fish Diseases*. **9**:147-151.

SA Goldes, HW Ferguson, RD Moccia and PY Daoust. 1988. Histological effects of the inert suspended clay kaolin on the gills of juvenile rainbow trout, *Salmo gairdneri* Richardson. *Journal of Fish Diseases*. **11**: 23-33.

SA Goldes and SL Mead. 1995. Disinfection against egg surface-associated Infectious Hematopoietic Necrosis Virus. *The Progressive Fish-Culturist*. **57**: 26-29.

SA Goldes. 2000. An assessment of the potential threat of Whirling Disease to British Columbia's freshwater salmonids. BC Ministry of Fisheries. Sustainable Economic Development Branch. In-house publication.

Evelyn, T, S. Lawrence, F. Alexis, H. Alex. K. Long, C. Fisher, R Newbury, H. Wright, A Vedan, C Peters, D Marmorek, I Parnell and H. Smith. 2002. Evaluation of an experimental re-introduction of Sockeye salmon into Skaha Lake; Year 3 of 3. 2002 Technical Report, Project No. 200001300. BPA Report DOE/BP-00005136-3. 471 p.

References

Mr. Don Peterson
 [17 years working for Mr. Peterson]
 Freshwater Fisheries Society of British Columbia
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 Victoria, British Columbia V9A 7S2
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