

# DEREK PRICE

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## CONTACT INFORMATION

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## EDUCATION

**Doctor of Philosophy** in Veterinary Epidemiology, 2017. Atlantic Veterinary College - University of Prince Edward Island, Charlottetown, PE. Thesis: *Improving the prevention and control of piscirickettsiosis in Chile* Supervisors: Sophie St-Hilaire, DVM, MSc, PhD - Javier Sánchez, DVM, PhD

**Doctor of Veterinary Medicine**, 1998. Universidad Austral de Chile, Valdivia. Thesis: *Detection of the Feline leukemia virus antigen and Feline immunodeficiency virus antibody in cats in the city of Valdivia* Supervisor: Germán Reinhardt, DVM, Dr.med.vet.

## PROFESSIONAL EXPERIENCE

**Postdoctoral Fellow**, 2017 - Present. Canada Excellence Chair in Aquatic Epidemiology, Atlantic Veterinary College, UPEI, Charlottetown, Canada. Participated in the design and execution of several research projects related to aquatic epidemiology.

**Fresh Water Health Manager**, 2010 - 2013. Invermar S.A., Puerto Montt, Chile. Managed the health of three hatcheries, two lake sites and supervised several rearing contracts, producing over 10 million Atlantic salmon, coho salmon and rainbow trout smolts per year. Established disease prevention policies and control strategies.

**Veterinary Technical Support Manager**, 2009 - 2010. Aquagestion S.A., Puerto Montt, Chile. Managed a team of Veterinarians offering diagnostic services in aquaculture with branch offices in Santiago, Temuco, Puerto Montt, Puerto Aysén and Punta Arenas. Coordinated the activities performed by the team and provided technical support to the team as well as clients. Participated in applied research in complex sanitary problems in different stages of the production cycle.

**Fresh Water Veterinarian**, 2007 - 2008. Cultivos Yadrán S.A., Quellón, Chile. Coordinated, executed and/or supervised activities such as vaccinations, sampling for official health control programs and health assessment for two hatcheries, one lake site and several facilities where rearing services were contracted.

**Fish Health and environmental responsibilities Manager**, 2006 - 2007. Salmonífera Dalcahue Ltda., Dalcahue, Chile. Managed the health in five hatcheries and one lake site that provided rearing services for other companies producing over 15 million smolts and fry every year. Responsibilities also included activities to comply with sanitary and environmental regulations issued by Sernapesca (National Fisheries Service), SAG (Agricultural and Livestock Service), and SISS (Sanitary Services Superintendency).

**Fresh Water Veterinarian**, 2003 - 2006. Cultivos Marinos Chiloé Ltda., Ancud, Chile. Health management of four hatcheries and one lake site as well as a number of rearing contracts. Provided prevention and control plans for diseases in fresh water stage. Assistant to the manager in production planning, traceability, production control and spending control for the Fresh water production department.

**Laboratory Technician and Technical Support Veterinarian**, 2000 - 2002. Biovac S.A., Puerto Aysén, Chile. Diagnostic laboratory technician as well as technical advisor for fresh water and seawater farms in the Aysén Region.

## TEACHING EXPERIENCE

**Guest lecturer**, VHM 413. Fish Health, Spring 2016. Department of Health Management, University of Prince Edward Island, Charlottetown, PE. Presented one lecture on Data management for aquaculture veterinarians.

**Guest lecturer**, VHM 413. Fish Health, Spring 2014. Department of Health Management, University of Prince Edward Island, Charlottetown, PE. Presented one lecture on Considerations for treatment administration in finfish aquaculture.

## PUBLICATIONS

**Price, D.**, Sánchez, J., Ibarra, R., St-Hilaire, S., 2018. *Variation in the concentration of antibiotics in tissue during oral antibiotic treatments in farmed salmonids*. Aquaculture. *Submitted*

**Price, D.**, Sánchez, J., McClure, J., McConkey, S., Ibarra, R., St-Hilaire, S., 2017. *Assessing concentration of antibiotics in tissue during oral treatments against piscirickettsiosis*. Preventive Veterinary Medicine. *Accepted*

**Price, D.**, Ibarra, R., Sánchez, J., St-Hilaire, S., 2017. *A retrospective assessment of the effect of fallowing on piscirickettsiosis in Chile*. Aquaculture. 473, 400–406.

**Price, D.**, Stryhn, H., Sánchez, J., Ibarra, R., Tello, A., St-Hilaire, S., 2016. *Retrospective analysis of antibiotic treatments against piscirickettsiosis in farmed Atlantic salmon *Salmo salar* in Chile*. Dis. Aquat. Org. 118, 227–35.

St-Hilaire, S., **Price, D.**, Taylor, S., Groman, D., 2015. *Treatment of diplomonad intestinal parasites with magnesium sulphate at a commercial rainbow trout (*Oncorhynchus mykiss*) facility*. Can. Vet. J. 56, 876–8.

## PRESENTATIONS

*Factores que predisponen a falla de un tratamiento con antibióticos y efecto de los descansos sanitarios sobre el riesgo de SRS*. Taller de Epidemiología, Programa para la gestión sanitaria en acuicultura, Sernapesca. Valparaíso, Chile. 2017

*Risk factors for treatment failure in antibiotic treatments against Piscirickettsiosis in farmed Atlantic salmon in Chile*. Atlantic Canada Fish Farmers Association Annual Conference. St. Andrews, NB, Canada. 2016

*Risk factors for treatment failure in antibiotic treatments against Piscirickettsiosis in farmed Atlantic salmon in Chile*. AquaEpi I. Oslo, Norway. 2016

*Effectiveness of antibiotic treatments against piscirickettsiosis in farmed Atlantic salmon (*Salmo salar*) in Chile*. 24th Annual GS&R days. Charlottetown, PE, Canada. 2016

*Efectividad de tratamientos antimicrobianos contra piscirickettsiosis en salmón del atlántico (*Salmo salar* L.) en Chile*. V Jornadas de Investigación en Salmonicultura. Puerto Varas, Chile. 2015

*Antibiotic treatment of bacterial diseases in large salmon populations*. Atlantic Canada Fish Farmers Association Annual Conference. St. Andrews, NB, Canada. 2014

## AWARDS

**CERC early career development grant**. Canada Excellence Research Chair in Aquatic Epidemiology, University of Prince Edward Island. May 2015.

**CERC Ph.D. 3-year scholarship.** Canada Excellence Research Chair in Aquatic Epidemiology, University of Prince Edward Island. 2014.

## REFERENCES

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**Ian Gardner, DVM, MPVM, PhD**

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Canada Excellence Research Chair (Aquatic Epidemiology)  
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