

# DEREK PRICE

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## CONTACT INFORMATION

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## EDUCATION

**Doctor of Philosophy** in Veterinary Epidemiology, 2017.

University of Prince Edward Island, Charlottetown, PE, Canada. 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, Chile. 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.

## RESEARCH EXPERIENCE

2017 - Present. **Postdoctoral Fellow**.

Canada Excellence Chair in Aquatic Epidemiology, Atlantic Veterinary College, UPEI, Charlottetown, Canada.

### Projects

- ISAV Spread
- Infectivity of SRS
- EMB tissue

## PROFESSIONAL EXPERIENCE

2010 - 2013. **Fresh Water Health Manager**.

*Invermar S.A.*, Puerto Montt, Chile. Established disease prevention policies and control strategies for three hatcheries and two lake sites. Supervised several rearing contracts. Produced over 10 million Atlantic salmon, coho salmon, and rainbow trout smolts per year.

2009 - 2010. **Veterinary Technical Support Manager**.

*Aquagestion S.A.*, Puerto Montt, Chile. Team leader for 5 veterinarians and over 10 field technicians offering diagnostic services in aquaculture. Supervised branch offices in Santiago, Temuco, Puerto Montt, Puerto Aysén and Punta Arenas. Provided technical support for clients and participated in applied research projects.

2007 - 2008. **Fresh Water Veterinarian**.

*Cultivos Yadran S.A.*, Quellon, Chile. Coordinated and supervised activities such as vaccinations, sampling for official health control programs. Provided technical support for two hatcheries, one lake site, and several rearing contracts.

**2006 - 2007. Fish Health and environmental responsibilities Manager.**

*Salmonífera Dalcáhue Ltda.*, Dalcáhue, Chile. Established health policies and supervised health management for five hatcheries and one lake site. 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.

**2003 - 2006. Fresh Water Veterinarian.**

*Cultivos Marinos Chiloé Ltda.*, Ancud, Chile. Supervised fish health for four hatcheries and one lake site as well as a number of rearing contracts. Designed and established prevention and control plans for diseases in fresh water stage. Assistant to the manager in production planning, traceability, production control, and spending control.

**2000 - 2002. Laboratory Technician and Technical Support Veterinarian.**

*Biovac S.A.*, Puerto Aysén, Chile. Diagnostic laboratory technician and 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.

**Data management for aquaculture veterinarians.**

**Guest lecturer, VHM 413 - Fish Health.** Spring 2014.

Department of Health Management, University of Prince Edward Island, Charlottetown, PE.

**Considerations for treatment administration in finfish aquaculture.**

## PUBLICATIONS

### In Preparation

Gautam, R. Gardner, I.A., Klotins, K., Revie, C., Vanderstichel, R., **Price, D.**, Beattie, M., Gustafson, L. 2018. **Risk-ranking of Atlantic salmon (*Salmo salar*) farms to minimize spread of infectious salmon anaemia virus (ISAv) among neighbouring marine sites in eastern Canada and the United States.** *Preventive Veterinary Medicine*.

### Submitted

**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*.

**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*.

### Published (Peer-reviewed)

**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.** *Diseases of Aquatic Organisms* 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.** *Canadian Veterinary Journal* 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. 2015

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