

**Education:**

Ph.D. in Wildlife and Fisheries Sciences (in progress)  
Department of Wildlife and Fisheries Sciences  
Texas A&M University, College Station, Texas

M.S. in Animal Science and Pasture, 2015  
Luiz de Queiroz College of Agriculture  
University of São Paulo, Piracicaba, São Paulo State, Brazil

B.S. Aquaculture Engineer, 2011  
Federal University of Santa Catarina  
Florianópolis, Santa Catarina, Brazil

**Professional Experience:**

Short Term Scholar | 2014  
Project: Supplementation of vitamin E for hybrid striped bass and its effect on immunological system  
Department of Wildlife and Fisheries Sciences  
Texas A&M University, College Station, Texas

Intern of International Initiative for Sustainable and Biosecure Aquafarming | 2011  
Project: Cobia alternative lipid nutrition  
Virginia Polytech Institute and State University, Virginia Tech, Virginia

Intern of Nutrition of Aquatic Organisms | 2009 – 2011  
Project: Utilization of carbohydrates for native species  
Federal University of Santa Catarina, Florianópolis, Brazil

Fingerling Farm Producer | 2010  
Project: Scaling aerators for fish ponds and fish spawning  
Primavera Aquacultura, Villavicêncio, Colombia

**Research Interests:**

Research focused on additives in aquafeeds and their effects on fish immune responses. Also investigated alternative ingredients replacing fishmeal and fish oil.

**Publications:**

Trushenski, J.; Schwarz, M.; Pessoa, W.V.N.; Mulligan, B.; Crouse, C.; Gause, B.; Yamamoto, F.; Delbos, B. Amending reduced fish-meal feeds with marine lecithin, but not soy lecithin, improves the growth of juvenile cobia and may attenuate heightened responses to stress challenge. *Journal of Animal Physiology and Animal Nutrition* 97, 170-180, 2013.

Trushenski, J.; Woitel, F.; Schwarz, M.; Yamamoto, F.. Saturated Fatty Acids Limit the Effects of Replacing Fish Oil with Soybean Oil with or without Phospholipid Supplementation in Feeds for Juvenile Cobia. *North American Journal of Aquaculture* 75, 316-328, 2013.

Woitel, F.; Yamamoto, F.; Trushenski, J.; Schwarz, M.. Saturated Fatty Acids Limit Effects of Fish Oil Replacement In Cobia Diets. Global Aquaculture Advocate, 44 - 46, 01 nov. 2013.

Awards:

2017 Pinnacle Award

St. Louis, Missouri

2017 1<sup>st</sup> Place Alltech Innovation Aquachallenge

Aquaculture America, San Antonio, Texas

2016 2<sup>nd</sup> Place Health, Nutrition, Kinesiology and Physiology Oral Presentation

Student Research Week, College Station, TX, Texas A&M University.