

Christina Callegari, Master of Marine Management Gold Award Recipient, 2017

Christina Callegari is a graduate of the Bachelor of Science Marine and Freshwater Biology program at the University of Guelph. She participated in a field course at the Huntsman Marine Science Center in St. Andrews, New Brunswick, studying the temperature tolerance of the common marine snail in the intertidal zone. Christina volunteered in the Hagen Aqualab, where she worked in a professor's lab and assisted a graduate student in her experiments on Zebrafish. She also volunteered with Ocean Wise, where she attended events and educated the public about sustainable seafood. These experiences advanced her skills in marine science and expanded her interest in seafood sustainability.

During her Master of Marine Management degree, Christina pursued her interests in fisheries management and learning strategies for seafood sustainability. In the summer of 2017, Christina undertook an internship with [Afashionado Fishmongers](#), a local fishmonger in Halifax, Nova Scotia. Her primary task was to conduct a seafood traceability pilot project for the business funded by the Government of Nova Scotia. She examined seafood supply chains, researched best practices for traceability implementation, and investigated how traceability may increase safety and maximize value. Christina also took on the responsibilities of setting up a seafood market, creating new product labels, and updating the website and blog.

Christina's graduate research project used the knowledge and experience gained at Afashionado as well as through conducting her own interviews with producers and mid-chain actors within the seafood industry. The project aimed to assess the under what context and for which seafood sector consumer-facing traceability may be a feasible risk mitigation strategy for producers. Christina mapped out Nova Scotian seafood supply chains, performed a qualitative analysis on the data from interviews and conducted a risk assessment to determine risk for mislabeled and illegal, unreported and unregulated fishing. Through this experience she gained extensive knowledge on Atlantic Canada's fishing industry and seafood market, its issues and potential for seafood traceability implementation. Christina's graduate research paper, supervised by Dr. Megan Bailey, MAP professor, *Exploring consumer-facing traceability as a risk mitigation strategy for seafood producers in Nova Scotia* is available on the Marine Affairs Program DalSpace site.

Christina was a recipient of a Faculty of Graduate Studies Scholarship offered by the Marine Affairs Program Admissions Committee. Christina was the co-chair (along with classmate Jessica Bradford) of the Sobey Fund for Oceans - Sustainable Oceans student led conference, [Seeing Blue: Envisioning our Future Oceans](#) held on September 22nd & 23rd, 2017.



Christina receiving the Gold Award from MAP faculty members Megan Bailey (left) and Ramon Filgueira (right).