



SCHOOL OF AQUATIC AND FISHERY SCIENCES
UNIVERSITY OF WASHINGTON

2026 Spring Seminar Series

April 16, 4:00PM
Thursday (Th) (FSH 107)

Host-microbe biology in a sea of microbes

Tyler Carrier

Research Associate and Lecturer,
University of North Carolina at Charlotte

Animals—from sponges to humans—form intricate partnerships with microbes that continue to have a profound impact on our health and fitness. This seminar provides an overview for how my laboratory will leverage multiple disciplines (e.g., evolutionary ecology, embryology, and microbiology) and techniques (e.g., field and laboratory-based manipulations, multi-omics, molecular biology, microscopy, modeling, and theory) to understand these complex symbioses and apply these to mitigate the challenging issues of our time.

Tyler is broadly interested in using an integrative approach to understand how microbial symbionts influence the health and fitness of marine invertebrates, with particular attention to reproduction and development. He received his BS at the University of Maine and his PhD at the University of North Carolina at Charlotte, and he was a postdoctoral researcher at the GEOMAR Helmholtz Centre for Ocean Research in Germany.

Accommodation requests related to a disability or health condition should be made before the event by contacting Jon Wittouck, Assistant Director, Facilities for SAFS: 206-616-8552/wittouck@uw.edu.

