



Food and Agriculture  
Organization of the  
United Nations



MISSISSIPPI STATE UNIVERSITY™  
GLOBAL CENTER FOR AQUATIC  
HEALTH AND FOOD SECURITY

## Advancing Aquatic Health: Addressing Antimicrobial Resistance in Global Aquaculture

November 17, 2025

8:00–11:30AM U.S. Central Time



**Stephen Reichley, Head, FAO Reference Center for AMR and Aquaculture Biosecurity and Associate Director, Global Center for Aquatic Health and Food Security, Mississippi State University ([stephen.reichley@msstate.edu](mailto:stephen.reichley@msstate.edu))**

Dr. Stephen Reichley, DVM, PhD, CertAqV, is an internationally recognized aquatic animal health and biosecurity expert with extensive experience in disease surveillance, diagnostics, and antimicrobial resistance (AMR) mitigation. As Head of the FAO Reference Centre on AMR and Aquaculture Biosecurity and Associate Director of the Global Center for Aquatic Health and Food Security, he leads global initiatives to strengthen aquatic health systems, develop trainings and outreach activities, and integrate innovative technologies for early disease detection. Dr. Reichley has directed major research programs, established diagnostic laboratories, and oversaw research and development programs in the private sector. His collaborative work with FAO, USDA, and international partners supports sustainable aquaculture and enhances food security while safeguarding aquatic organism health worldwide.