



Gregory Bossart, DVM, PhD
Georgia Aquarium

Senior Vice President and Chief Veterinary Officer at the Georgia Aquarium in Atlanta Georgia where he oversees the animal care, research and conservation programs. He is an Adjunct Professor in the Department of Pathology at the University of Miami School of Medicine, Adjunct Professor in the Department of Pathology at the University of Georgia College of Veterinary Medicine, Affiliate Professor at Harbor Branch Oceanographic Institute at Florida Atlantic University and on the graduate faculty at the Medical University of South Carolina.

Dr. Bossart received a DVM from the School of Veterinary Medicine at the University of Pennsylvania. He was a comparative pathology resident and National Institutes of Health fellow in the Department of Pathology at the University of Miami School of Medicine. In 1995, he completed his PhD in immunology at Florida International University. His undergraduate degrees in biology and physical geography are from the University of Pittsburgh. He has been in private veterinary practice and is a clinical veterinary consultant at facilities in the US, Latin America and Asia.

Dr. Bossart has spent the last 30 years working in clinical domestic, marine mammal and avian medicine and wildlife pathology on a national and international basis. He has over 135 peer-reviewed scientific publications focused primarily on the pathologic basis of disease in wild animals. His recent published research has documented re-surfing and emerging diseases in manatees, whales, dolphins, and birds. He has helped characterize the first viral disease in manatees and was responsible for developing the first immunohistochemical technique for diagnosing brevetoxicosis (red tide poisoning) in marine mammals and birds. He is particularly interested in the application of aquatic species as sentinels for the effects of global climate change, ecosystem and human health.

Dr. Bossart has had collaborative research projects with the National Marine Fisheries Service, National Ocean Service, Florida Wildlife Research Institute, National Institute of Environmental Health Sciences and the Office of Naval Research.