

## 2017 AAFV Conference Speakers, Talk Titles, Bios

### Dr. Stephen A. Frattini - INTEGRATED SEAFOOD SCIENCE: A MULTIDISCIPLINARY APPROACH TO DEFRAGMENTING THE SEAFOOD INDUSTRY

Stephen Frattini DVM is a graduate of the Cornell College of Veterinary Medicine and alumni of the Cornell College of Veterinary Medicine Aquatic Animal Health Program, he is currently the owner/president of the Center For Aquatic Animal Research and Management (CFAARM). The mission of CFAARM is to better the world through the management of aquatic animal disease, research and development, and education and outreach. At CFAARM it is an imperative to act locally and globally in the interests of aquatic animal health, environmental conservation and social justice.

### Dr. Ashley K. Emanuele - NOVEL INGREDIENTS IN FISH NUTRITION: AQUACULTURE AMERICA 2017 REVIEW

#### OPHTHALMOLOGY OF PET FISH SPECIES

Dr. Ashley Emanuele is an exotics-exclusive general practitioner at Avian and Exotic Animal Care in Raleigh, NC. She received a B.S. in Marine Biology from Roger Williams University and DVM from North Carolina State University College of Veterinary Medicine. She is currently pursuing the WAVMA CertAqV distinction and her clinical interests are aquatic animal medicine, ophthalmology, and nutrition.

### Dr. Brittany N. Stevens - EVALUATION OF DIAGNOSTIC COELIOSCOPY IN KOI

Dr. Brittany Stevens received her DVM from UC Davis in 2013. Following graduation, she completed a small animal rotating internship at a private practice in Southern California. She then completed an internship in wildlife and conservation medicine on Sanibel Island, Florida. In 2015, Dr. Stevens returned to UC Davis to join the Aquatic Animal Health Service as a staff veterinarian and Aquatic Animal Health Fellow.

### Dr. Meera Kumar Music - CASE REPORT: GOLDFISH EYE SURGERY

Dr. Meera Music graduated from the University of Edinburgh Royal School of Veterinary Studies and currently works as an associate veterinarian at the Center for Bird and Exotic Animal Medicine in Bothell, WA.

### Dr. Ariane Gagnon-Francoeur - IMPACT OF ATMOSPHERIC PRESSURE AND ATTEMPTED TREATMENTS ON GAS BUBBLE DISEASE OCCURRENCE IN A POPULATION OF AQUARIUM-HOUSED SEAHORSES

As a DMV student at the Faculté de Médecine Vétérinaire of the Université de Montréal, Ariane developed an interest in Zoological Medicine including fish medicine. Volunteering at the Birds of prey clinic and the Small Mammal shelter, she also worked in research, mentored by her teacher, Dre Vergneau-Grosset.

### Dr. Jessie M Sanders - SURGICAL TECHNIQUES IN KOI (Cyprinus carpio koi) & GOLDFISH (CASSIUS AURATUS)

"Dr. Jessie M. Sanders is the owner and chief veterinarian at Aquatic Veterinary Services in Soquel, CA. The all-aquatic practice offers both ambulatory and in-hospital services. Dr. Sanders received her B.S. in Marine Biology from the University of Rhode Island and DVM from Tufts University. Dr. Sanders is a Certified Aquatic Veterinarian through the World Aquatic Veterinary Medical Association, and a member of the American Association of Fish Veterinarians, the International Association of Aquatic Animal Medicine and the American Veterinary Medical Association."

### Dr. Avi Eldar - CHARACTERIZATION OF NOVEL orthomyxovirus CAUSING MASS DIE OFFS IN TILAPIA

Dr. Eldar is a DVM graduate of the University of Turin, Italy. He then obtained his PhD degree from the Hebrew University of Jerusalem. He then pursued for a dual specialty in Fish Diseases and Microbiology. His early research focused on fish bacteriology and host-pathogen interactions (Gram positive cocci). In recent years his work focuses on virology, with special emphasis on emerging viruses (KHV, TiLV). Dr. Eldar was recently appointed head of the Laboratory of Virology at the State Referral Institute.

#### Dr. Nicole I Stacy -BLOOD ANALYSIS IN FISH: OPTIMAL SPECIMEN QUALITY AND HIGHLIGHTS OF DIAGNOSTIC UTILITY

Dr. Nicole Stacy graduated from Munich University, completed an internship in small animal medicine, and pursued a residency in clinical pathology at the University of Florida. She has been part of the Aquatics Program at UF since 2009 and is Adjunct Professor at the University of Miami. She is specialized in and focuses on teaching, diagnostics, and research on all aspects of clinical pathology in non-domestic species.

#### Dr. A. David Scarfe - GLOBAL EDUCATION EFFORTS TO ENSURE AN AQUATIC VETERINARY WORKFORCE

Dr. Scarfe recently returned to private veterinary practice to revitalizing Aquatic Veterinary Associates International (AVAI), LLC, and coordinate a team of veterinarians who provide services to aquaculture producers and industries in several countries. Over the past 40+ years he has been a University Professor, has owned and operated multi-veterinarian private practices, has overseen aquatic veterinary issues for the American Veterinary Medical Association, and has consulted with numerous veterinary organizations and governmental agencies in several countries, on veterinary education, legislative and regulatory animal health issues. In addition to providing aquatic veterinary services to clients and industries, he is an APHIS Veterinary Medical Officer with the National Animal Health Response Corps that is deployed to assist with responses to outbreaks of important foreign animal disease outbreaks. He also assists several international organizations and veterinary schools in North and Central America, Europe and China refine and implement aquatic veterinary academic and continuing education programs to ensure a global well-trained aquatic veterinary global workforce. He also serves as the Associate Director of the International Aquatic Veterinary Biosecurity Consortium, with the Secretariat located within the Centre of Excellence for Aquatic Veterinary Education & Biosecurity at Tierärztliche Fakultät, Ludwig Maximilians University in Munich, Germany, which develop and runs aquatic veterinary biosecurity training programs to assist governmental agencies, aquaculture producers and industries, and private practitioners prevent, control and eradicate infectious diseases.

#### LABS

#### Dr. Michael Corcoran & Karen Smith - HANDLING, SEDATION AND CLINICAL TECHNIQUES FOR FISH

Mike Corcoran is an associate veterinarian at The New England Aquarium in Boston. After graduating in 2008 from Washington State University School of Veterinary Medicine, he worked in emergency medicine at a small animal referral center, but quickly transitioned into exotic animal medicine starting with an ambulatory exotics only practice in Portland Oregon. He had the pleasure to work at Arizona Exotic Animal Hospital for two years before returning to the coast to be near the ocean. Fish and other aquatic animals have been part of his practice since the time in Portland, and that has now become a full-time passion in Boston. Mike is also an avid SCUBA diver, both in warm water and in the North Atlantic waters. He uses the SCUBA as an adjunct to treatment of animals at the New England Aquarium to help get less stressful examinations on fish when possible.

#### Dr. Elsburgh Octavius Clarke III & Dr. Freeland Dunker – INTRODUCTION TO SHARK MEDICINE

Dr. Elsburgh "Tres" Clarke graduated from Ross University School of Veterinary Medicine and then later completed an Aquatics/Zoological residency at North Carolina State University. He has worked at the Virginia Beach Aquarium and Science Center, Audubon Nature Institute, and is now a senior staff veterinarian at SeaWorld San Diego, CA. Dr. Clarke has a strong interest and focus in teleosts, elasmobranchs, reptiles and amphibians. He is a diplomat of the American College of Zoological Medicine.

Dr. Dunker graduated from UC Davis Veterinary School in 1982, starting in private practice, mainly equine or mixed animal practice, for the first 6 yrs following graduation. He gained experience in Zoo Medicine while doing an internship at Riverbanks Zoo in Columbia South Carolina from 1988 to 1989. In 1990 he accepted a position as Associate Veterinarian at the San Francisco Zoo becoming the Senior Veterinarian in 1995. In 2008

Dr Dunker left the San Francisco Zoo to take a full time position as Veterinarian at the California Academy of Sciences, Steinhart Aquarium.