The Aquarium Vet™

e-QUARIST COURSE

WELCOME TO A NEW ERA OF LEARNING FOR AQUARISTS!

VISION

To advance the health and welfare of aquatic animals in aquariums and zoos globally

Aquatic Animal Welfare Module available from our website.
Free to all because we are passionate about animal welfare.

E-quarist course™

- Twelve modules (see over page for details)
- Interactive webinars with Q&A
- Webinars presented in three time zones
- Regular email support
- Flexibility to proceed at your own pace
- Examination and Certificate of Completion

AZA Recognized Learning Partner

Contact: Katrina@theaquariumvet.com for a FREE webinar

www.theaquariumvet.com

For more information go to www.theaquariumvet.com

Several years ago, I realized that there was no short-cut available to gaining knowledge and experience in the aquarium field. To assist others in not taking as long as I did, I have written the first on-line Aquarium Medicine course in the world.

Dr Rob Jones "The Aquarium Vet"

learning partner

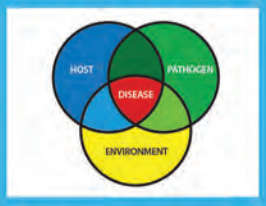
ASSOCIATION OF ZOOS & AQUARIUMS

THE AQUARIUM VET E-quarist course™

The first four modules are core modules and are designed to be studied sequentially. The time involved in reading the course material and sitting the examination is between 15 to 20 hours for each module, depending on prior knowledge and experience.

1. FISH ANATOMY AND PHYSIOLOGY -
examines teleost anatomy in its wide forms as well as practical physiology. To understand how fish survive in an aquatic environment is critical to maintaining their health and wellbeing. Normal anatomy is critical for diagnostics and post-mortems (module 2). Fish welfare and the safe handling of fish.

2. DISEASE CONCEPTS AND DIAGNOSTICS -
what factors trigger disease; stress and the immune system. Steps to making a diagnosis. Sample collection and examination such as gill biopsies. Sedation / anaesthesia of fish. Euthanasia. Post-mortem techniques. Quarantine and biosecurity. Disinfection processes. Zoonoses.



3. WATER CHEMISTRY & QUALITY -
covers what it is and why it is the key to successful fish keeping. All water quality parameters (both freshwater and marine) as well as water testing. Record keeping in all aspects of aquarium husbandry and fish transport.

4. LIFE SUPPORT SYSTEMS -
is the foundation for excellent water quality. The various types of filtration available, biofiltration, ozone and ultra-violet and their uses. Practical hydrology – pump selection etc.

5. DISEASES AND TREATMENTS -
examines the various groups of diseases – protozoans, bacteria, fungus, viruses etc. After making a diagnosis, how do you successfully treat the problem using a holistic approach? Non-infectious diseases.

6. NUTRITION AND REPRODUCTION
explains the components of nutrition, protein, carbohydrates, fats, vitamins and minerals. Types of foods, including live foods and their production.
Reproduction and basic genetics.

7. ELASMOBRANCHS -
Anatomy and physiology as they differ from teleosts, handling, sample techniques, diseases and treatments. Shark transport, exhibit design for sharks and reproduction including artificial techniques.

8. INVERTEBRATES I
Cephalopods and Crustaceans. Anatomy and physiology, husbandry and breeding, diagnostics, diseases and treatments.

9. INVERTEBRATES II
Sea Jellie and Echinoderms. Anatomy and physiology, husbandry and breeding, diagnostics, diseases and treatments.

10. INVERTEBRATES III
Coral Husbandry. Anatomy and physiology, husbandry and breeding, diagnostics, diseases and treatments.

21. PENGUINS I
Applicable for all aquatic birds. Taxonomy of the various penguin species. Anatomy and Physiology of penguins. Display design for aquatic birds. Water Quality and Life Support Systems.

22. PENGUINS II
Husbandry and care.
Including biosecurity and transport. Behaviour, welfare and enrichment, Nutrition, Reproduction.

Multi-student Annual Plans

To simplify the education and training of your aquarists, The Aquarium Vet has created Annual Plans.

Plan Details

- Annual Fixed Fee related to the number of students studying the course
- The Aquarium Vet provides a report every four months to the Curator and /or the Human Resources Manager on student's progress
- The Aquarium Vet handles all administration including registration of students, providing course material and webinars, overseeing the examinations and issuing of certificates

Plan Options (US Dollars) - price increase

Number of students	Annual Subscription	Cost per Student
1 - 5 Students	$1,859.00	$371.80
6 - 10 Students	$3,289.00	$329.00
11 - 15 Students	$4,603.50	$306.90
16 - 20 Students	$5,918.00	$295.90
21 - 30 Students	$8,580.00	$286.00
More than 31	-	$265.00

Conditions of Annual Plans

- All students must be from the same facility or company
- New students must commence at Module One
- Maximum of four modules per student per year
- If a student leaves their position at the facility, they are removed from the course
- Replacement student will commence at Module One

Future Modules

Chelonians (sea turtles, freshwater turtles and tortoises), Amphibians, Crocodiles and Alligators

Question: What if I educate or train my staff and they leave?

(answer over page)

Testimonials from some of our students

I gained a better understanding on how important life support systems operate, and the impacts it has on fish health.

Yvonne Chia, Resorts World Sentosa Aquarium Singapore

The Aquarium Vet's E-quarist Course has been of great benefit to members of the Zoological Teams at Georgia Aquarium. The Course's thorough and detailed course curriculum and 'learn as you go' approach to online training has helped new aquarists and technicians gain broad insight into the principles of aquariology and related topics. Focused modules allow the student to learn the basics and subsequently dive deeper into more sophisticated aspects of the material. E-quarist courses serve as another tool by which to train new members of the team, while updating experienced members with the latest new information.

Chris Coco, Senior Director, Georgia Aquarium (USA)

I love this course, even though I have been working in the industry for many years I always learn something new and I find is a good test of my knowledge base. I can then improve my aquarium by applying little tweaks here and there and assist with the development of the team.

Kate Willson, Displays Manager, Sea Life Mooloolaba Queensland Australia

I gained a better understanding of every aspect of LSS and some valuable calculations that are needed when it comes to LSS design and construction. I have done similar courses in the past ... however, this has been such a step up and has really increased my knowledge in all areas.

Phil Robinson, The Deep Aquarium United Kingdom

Not only did the E-quarist course set a great baseline for the type of information that we expect all of our aquarists to have, but it also sparked an increased desire in many of our staff to investigate topics further on their own and find ways to improve the care of our collections. The course exceeded all of our expectations, and we could not have asked for a better return on our investment.

Allen McDowell, Director of Husbandry & Operations, North Carolina Aquarium on Roanoke Island, USA

The module helped me understand and appreciate details of shark physiology and husbandry I was previously not aware of - especially nutrition. Can definitely help in planning our shark feeding and care.

Geddes Hislop Cayman Turtle Centre : Island Wildlife Encounter

Overall the e-quarist course is very well balanced, practically and scientifically, and not only suits the needs of professional aquarium staff like myself, but also those with a keen interest.

Brendan Kelly, SEA LIFE Sydney Aquarium

The nutrition module was excellent. It was very clear and very interesting/useful.

Tasha K. Esaki Tennessee Aquarium

Over all I see this course as being a great benefit to my career..

Lauren Larese, Bass Pro Shops at the Pyramid Memphis Tennessee

I got a much more detailed understanding of fish anatomy which I think will help me understand fish health better. Also I will have a better point of reference when observing or performing necropsies. The information was laid out well and I walked away feeling like I learned a great deal. Thank you.

Katherine, Virginia Aquarium, USA

Answer: What if you don't and they stay!