AQUAVET®
Background Information

- **Need for trained veterinary professionals**
  - contribute to the health/welfare of aquatic animals and their environment
  - Began in the spring of 1977

- **Historically sponsored by**
  - University of Pennsylvania
  - Cornell University
AQUAVET®
Course Information

❖ Four opportunities
  ❖ **AQUAVET® I**
    ❖ Introduction to Aquatic Veterinary Medicine
    ❖ 4 week course
  ❖ **AQUAVET® II**
    ❖ Comparative Pathology of Aquatic Animals
    ❖ 2 week course
  ❖ **AQUAVET® III**
    ❖ Clinical Aspects of Captive Aquatic Animal Medicine
    ❖ 5 week course
  ❖ **AQUAVET® Summer fellowship**
    ❖ Usual Location: Fish Diagnostics Lab at Cornell
    ❖ Usual Topic: a selected fish viral disease
    ❖ Duration: 8 weeks
Roger Williams University - Bristol, RI
- Classrooms and labs
- Library

Tuition covers course work, housing and most meals

Housing – suites with kitchen and 2 bedrooms
- 4 students per suite
- roommate
- no pets

Meals – cafeteria meal plan
- Breakfast, lunch, dinner
- 5-10 stations
Location   Bristol, R.I.

20 min to Newport
20 min to Providence
Bristol, R.I.

Just 1-1.5 hours to:
- Boston
- Mystic
- Barnstable
RWU Campus
COURSES at RWU

AQUAVET® I:
An Introduction to Aquatic Veterinary Medicine

4 weeks: total immersion course
29 May to 25 June 2022
22-24 Students
Approx. 46 invited faculty

AQUAVET® II:
Comparative Pathology of Aquatic Animals

2 weeks: total immersion course
29 May to 11 June 2022
12-18 students
Approx. 15 invited faculty
Marine and Natural Sciences Building
Typical Dorm Room
2021 AQUAVET®I Class
AQUAVET® I
Introduction to Aquatic Veterinary Medicine

- Four weeks – begins May 29 and ends June 25
- Classes routinely five and one half days a week (and most evenings)

- Water Quality
- Invertebrates to marine mammals
- Lectures and laboratory sessions
- Student seminars
- Field trips
AQUAVET® I
Introduction to Aquatic Veterinary Medicine

Invertebrates to marine mammals

- Aquatic invertebrates
- Fish
- Amphibians and Reptiles
- Sea Turtles
- Aquatic Birds
- Marine Mammals
AQUAVET® I

Field trips
- Intertidal Invertebrate Collecting
- Mystic Aquarium
- New England Aquarium
- Atlantis Marine World
- Riverhead Foundation for Marine Research and Preservation
- WHOI (Woods Hole Oceanographic Institute)
AQUAVET® I

- **Tuition for Students** - $2,525
  - Less $200 from anonymous donor = $2,325
- **Includes**
  - Tuition
  - Room and board (almost all meals) - 4 weeks

- **Required to attend class**
  - Foundation covering 2/3 of cost

- **Credit Available – depending on school**
  - Evaluation based on
    - Participation in all aspects of the course
    - Especially student seminars
AQUAVET® I Cost Comparisons

- **Tuition** - $2,525 - $200 = $2,325
  - Compare:
  - **AQUAVET®I** – 4 weeks
    - about $600/week - Includes
    - Tuition
    - Room and board (practically all meals)
  - **MarVet** – 2 weeks for about $2,000
    - About $1,000/week
    - Includes only some meals
  - **SeaVet** – about $490 for 10 days
    - About $345/week
    - Includes only some meals
    - Doesn’t include housing
Scenes from AQUAVET® I
Scenes from AQUAVET® I
(photos – Robert Maze)
Not All Fun and Games
Classes

- routinely five and one half days a week
- (and most evenings)
- Required to Attend Class

- 8 am to noon
- 1 pm to 5 pm
- 6:30 pm to 8:30 pm or later
Student seminars

- 25-30 minute
- PowerPoint

Topics

- Invertebrates to marine mammals
- Marine plants
- Ecology

prepare early
Diving adaptations of sea turtles

Colin McDermott
University of Pennsylvania:
School of Veterinary Medicine
Aquacat I
June 6 2008

Conservation of the Hawaiian Monk Seal
Monachus schauinslandi

The American Paddlefish
Past, Present and Future

http://www.kauaimonkseal.com/Home.html
AQUAVET® II
Comparative Pathology of Aquatic Animals

FOCUS

Pathology and Pathogenesis of diseases
• of important aquatic invertebrates and fish
• biomedical research models
• cultured species
AQUAVET® II
Comparative Pathology of Aquatic Animals

- **Prerequisites:** AQUAVET® I or equivalent
- **Two Weeks – May 29 to June 11, 2022**
- **Classes 5.5 days a week and most evenings**

- **Lectures, slide review, and occasional wet labs**
  - Primarily Fish and Invertebrates
  - Comparative Anatomy
  - Parasites
  - Bacterial, Viral and Fungal Diseases
  - Toxicology
  - Histopathology
AQUAVET® II

- **Student Tuition - $1,515**
  - Includes course instruction and room and board

- **Required to Attend Classes**
  - Foundation covering 2/3 of cost

- **Course Credit possible**
  - Depends on school requirements

- **Evaluation**
  - Based on class participation
Scenes from AQUAVET® II
Whale Watch

Finback Whale

Humpback Whale

Finback Whale
Free Time
AQUAVET® Summer Fellowship

- Research project under guidance of AQUAVET® faculty
- 8 week duration (July and August)
- Aquaculture Based Project (funding requirement)
- Limited positions – usually 1
- Pays stipend of $3,800 after finishing all 8 weeks
- Publication often generated at the end of project
APPLICATION PROCESS

Application forms [www.aquavet.org]

Download the application form
MS Word and pdf

Please Submit **Electronically**

APPLICATIONS DUE 15 Jan
APPLICATION PROCESS

What you must submit:

1. The completed application form
2. OFFICIAL Undergraduate transcripts
3. OFFICIAL Veterinary school transcripts
4. Current CV (Curriculum Vitae)

NOTE: “OFFICIAL” means they are sent directly to the director by the university. We cannot accept transcripts sent by the students. Most are done electronically these days.
APPLICATION PROCESS

NOTES:

- If applying for more than one course, need to submit application for each, however, only one set of transcripts
- If applying for a second year (e.g. AQV2 or AQV3), only the updated veterinary school transcript is required (and application)
- Veterinary school transcript must include recent work (fall of the year before application due)
- CV now also required
- Letters of recommendation accepted but NOT required
- Transcripts must be official copies sent directly to the director
  - Transcripts should be sent electronically by the university to the director
  - Paper transcripts are problematic, but IF NECESSARY will be accepted at director’s address
APPLICATION PROCESS

Where to submit:

Should be electronic: aquavetmail@gmail.com

If transcripts must be sent by mail:

Donald W. Stremme, V.M.D.
AQUAVET® Director
Cornell University
College of Veterinary Medicine
Microbiology and Immunology
C5181 Vet Medical Center
Ithaca, NY 14853
APPLICATION PROCESS

- Applications due *January 15th*

- Application forms - website
  - Via E-mail as PDF file preferred

- **Essay** - highlight any aquatic experience
  - Can be separate word document
  - *This is most important part of your application*

- Acceptance to the program
  - Competitive Basis
  - Announced in February
The application process is competitive

What does the admission committee look for?

- An indication that you will use the information in the future
- What have you done in the past in the aquatic sciences
  and/or aquatic animal medicine.....
  and/or even other exotic animal work
- Formal courses
- Other courses
- Paid and volunteer work experience
- Other: e.g. hobbies (keep aquarium fish)
- Membership: IAAAM, WAVMA, AAFV, AAZV, ARAV, etc.

Application form, essay –

**Why you think you will benefit from the course.**
Probably the most important part of the application.
Follow the instructions regarding length of your essay.
Proof read it.
Further information

- Website  www.aquavet.org

- Contact Information

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