

**FHS NEWSLETTER** is posted on the website – go to the Newsletter link on:  
<http://www.fisheries.org/fhs/>

Reminder: An archive of these updates is posted on the website with the password: fhs

## **FHS NEWS**

The official link to the FHS website is: <http://www.fisheries.org/units/fhs>

## **JOURNAL OF AQUATIC ANIMAL HEALTH**

The newest issue of the Journal of Aquatic Animal Health (Volume 20, Issue 2, June 2008) is available at: <http://afs.allenpress.com/perlserv/?request=get-toc&issn=1548-8667&volume=20&issue=2>

Below is a list of included articles:

Polymerase Chain Reaction Amplification of Repetitive Intergenic Consensus and Repetitive Extragenic Palindromic Sequences for Molecular Typing of *Pseudomonas anguilliseptica* and *Aeromonas salmonicida*  
*Roxana Beaz-Hidalgo, Sonia López-Romalde, Alicia E. Toranzo, and Jesús L. Romalde*

The Effect of Tricaine on Use of the Fluorescein Test for Detecting Skin and Corneal Ulcers in Fish  
*Michael W. Davis, Jeana Stephenson, and Edward J. Noga*

Revised Phylogenetic Relationships among Herpesviruses Isolated from Sturgeons  
*Tomofumi Kurobe, Garry O. Kelley, Thomas B. Waltzek, and Ronald P. Hedrick*

Influence of Reduced Feed Ration on *Lepeophtheirus salmonis* Infestation and Inflammatory Gene Expression in Juvenile Pink Salmon  
*Simon R. M. Jones, Mark D. Fast, and Stewart C. Johnson*

Effect of Various Electric Field Strengths and Current Durations on Stunning and Spinal Injuries of Atlantic Herring  
*Andreas Hoel Nordgreen, Erik Slinde, Dag Møller, and Bjorn Roth*

Effects of Freezing, Drying, Ultraviolet Irradiation, Chlorine, and Quaternary Ammonium Treatments on the Infectivity of Myxospores of *Myxobolus cerebralis* for *Tubifex tubifex*  
*Ronald P. Hedrick, Terry S. McDowell, Kaveramma Mukkatira, Elizabeth MacConnell, and Brian Petri*

**MEETINGS AND WORKSHOPS - FOR INFORMATION ON THESE AND OTHER  
UPCOMING MEETINGS GO TO THE WEBSITE:**

<http://www.fisheries.org/fhs/meeting.htm>

**JOBS**

**POST-DOCTORAL POSITION IN VIROLOGY**

A post-doctoral position in virology is available starting immediately, in the Department of Pathology and Microbiology at the Atlantic Veterinary College, University of Prince Edward Island (see <http://www.upei.ca/avc/>). Funding is available for 1 year with possible continuation. Research focuses on devising strategies for controlling viral infections using antivirals.

The successful candidate will participate in an innovative research project on replication in birnaviruses. He/She will be directly responsible for experiments designed to study the structure and function of birnavirus VP1. The trainee will also have the opportunity to work with highly active researchers and graduate students in the lab to further develop the project into an in-depth focus on virus replication mechanisms.

A PhD is required for consideration. The preferred person would be uniquely qualified in molecular virology. Applications will be accepted until a suitable candidate is found. The starting salary for this position is \$30,000/annum including fringe benefits. To apply, please submit a letter detailing your qualifications, experience and research interest, and a current CV, and arrange to have 3 letters of reference sent to:

Dr. Frederick S.B. Kibenge  
Department of Pathology and Microbiology  
Atlantic Veterinary College  
University of Prince Edward Island  
550 University Avenue  
Charlottetown, PEI C1A 4P3 CANADA  
kibenge@upei.ca or Fax: (902) 566-0851

**ANIMAL HEALTH TECHNOLOGIST II**

Shedd Aquarium, Chicago, IL  
Sept 22, 2008

**General Description:**

Maintains animal healthcare records in coordination with the Veterinary Services management team. Demonstrated proficiency in assisting the veterinary team in

the immobilization, physical examination and treatment of the aquarium's animal collection. Coordinates the scheduling of many daily procedures with the various husbandry departments. Assists with and performs pathological prosection on necropsy specimens. Examines and interprets hematology, cytology, parasitology and other diagnostic samples.

Demonstrated proficiency in assisting the veterinary team in performing diagnostic procedures in the disciplines of radiology, ultrasonography and endoscopy. Performs basic microbiology duties including standard plate counts and general diagnostic bacteriology. Performs other duties as requested including broad-spectrum water-quality analysis and associated recordkeeping.

**Requirements:**

Medical technologist [MT(ASCP)], BS or BA in biology, chemistry, or related field preferred. Will consider certified VT, AHT, or equivalent with appropriate experience. Two years in a clinical laboratory, zoo, hatchery, or public aquarium required, three years are preferred. A combination of animal husbandry skills with clinical laboratory training acceptable. Strong background in aquatic animal husbandry including water quality and fish health management required.

Data management experience required. Familiarity with Microsoft Office 2000 or equivalent, including spreadsheet and database management. Experience with ARKS/MedARKS helpful. Strong interpersonal skills needed. Ability to work within a team management structure is essential. May be required to work unusual hours or on unscheduled days during emergency type circumstances. Should be able to lift 50 pounds.

If you are interested in this job please submit your resume to Human Resources, Shedd Aquarium, 1200 S. Lake Shore Drive, Chicago, IL 60605, fax: 312-663-0971, [jobs@shedd Aquarium.org](mailto:jobs@shedd Aquarium.org).

**AQUATIC ANIMAL HEALTH SPECIALIST (DVM)**

Location: Bristol, RI, USA

Company: Roger Williams University

Company URL: <http://departments.rwu.edu/biology>

Closing Date: Thursday, January 15, 2009

**Qualifications:**

A DVM/VMD degree from an accredited veterinary college is required with competency in aquatic animal medicine. Candidates must be qualified to become board certified in Rhode Island. The successful candidate also should have demonstrated research competence with an ability to compete for extramural funding. Preference will be given to candidates with either a MS or Ph.D. in aquatic animal disease research. Evidence of successful teaching experience is preferred. The candidate must possess strong interpersonal skills and have the

ability to work with a variety of individuals including faculty, staff, students, producers, regulators, and the general public.

**Description:**

Department of Marine Biology and the Center for Economic and Environmental Development

Aquatic Animal Health Specialist (DVM) (ref. #FAC09-017)

Visiting Assistant Professor

Roger Williams University

Feinstein College of Arts and Sciences

Review of applications will begin January 15, 2009 and will continue until the position is filled.

**Description and Responsibilities:**

The Department of Marine Biology invites applications for the position of Aquatic Animal Health Specialist. This position is as a full-time Visiting Assistant Professor and entails developing a Center for Aquatic Animal Health at Roger Williams University.

The Aquatic Animal Health Center will join an existing shellfish hatchery in a new addition to the Marine and Natural Sciences Building on the Bristol (RI) campus, (expected completion in autumn 2009). The Aquatic Animal Health Center, consisting of this position and a research technician, will provide support services to the university's aquatic animal research groups; will establish an externally funded program of research in the Specialist's area of interest and will provide animal health services to the aquatic animal industry within the region. In addition, the Aquatic Animal Health Specialist will be expected to develop courses at the undergraduate level in support of the biology and aquarium sciences programs. It is expected that the Center will provide opportunities for undergraduate research in the field of aquatic animal health. Other responsibilities will include management of the operations of the Center and supervision of the Research Technician.

Please contact the search committee chair, Dr. Dale Leavitt, at [dleavitt@rwu.edu](mailto:dleavitt@rwu.edu) for further information.

To Apply: Qualified applicants should submit: 1) a letter of intent including statements of teaching philosophy and research interests; 2) a current vita; 3) names and contact information of at least three references.

All applications should be submitted electronically via email to the chair of the search committee ([dleavitt@rwu.edu](mailto:dleavitt@rwu.edu)) with the following text in the subject line: "Aquatic Animal Health Position # FAC09-017; Applicant's Last Name, First Name".

Roger Williams University  
One Old Ferry Road  
Bristol, Rhode Island 02809-2921

AquaVetMed e-new was the source for these advertisements

## RESOURCES

### **USFS GUIDELINES FOR DISINFECTING FIELD EQUIPMENT**

<http://www.fs.fed.us/r4/resources/aquatic/guidelines/index.shtml>

This set of guidelines was developed as a result of concerns over disseminating ANS as a result of firefighting and other field operations. It includes recommendations for *Myxobolus cerebralis* that would also be sufficient for killing other ANS of concern in the intermountain region.

For general guidelines for boat disinfection:

<http://www.protectyourwaters.net/>

<http://www.100thmeridian.org/>

### **AQUATIC INVASIVE SPECIES NEWS IN A NUTSHELL – see attached NUTSHELL NEWSLETTER #21.PDF**

For strange news – pedicures by toothless carp, a 92 lb Asian carp. Also, on the more serious side, news and updates on ANS nationwide and highlights meetings and activities

### **FISH HEALTH NOTES – see attached FFN-4\_08FHN.pdf**

Attached is another of Rod Getchell's commentaries, this time on the success of histological surveillance programs in Norway.

AADAP Newsletter Request for information

Just a short email to inform you that our next edition of the AADAP Newsletter is scheduled to be published on 24 October 2008. We would very much welcome material from you for inclusion in the Newsletter, so please consider writing up a short paragraph or two (or how many ever it takes) to tell our audience what's been going on in your shop in the area of aquatic animal drugs. There really is no limit to the length, for we are 99.99% electronic distribution.

If you have any ideas for (and/or would like to write) our "Feature Article," please give me a call to discuss it. If you or your organization recently (within the past 3 months) published a manuscript related to drugs for aquatic species, please consider writing up an expanded abstract (including appropriate table(s) or figure(s)) for inclusion in the AADAP Newsletter.

The bottom-line: if it has anything to do with aquatic animal species and drugs, we think it should be included in the Newsletter.

If you do have material for inclusion in the AADAP Newsletter, please provide it to me (electronic or otherwise) no later than Tuesday 21 October.

Thanks for your consideration.

Cheers.

Thomas A. Bell, PhD  
U.S. Fish & Wildlife Service  
Aquatic Animal Drug Approval Partnership  
4050 Bridger Canyon Road  
Bozeman, Montana 59715  
Phone: 406-994-9911  
Fax: 406-582-0242  
Email: [thomas\\_a\\_bell@fws.gov](mailto:thomas_a_bell@fws.gov)  
Webpage: <http://fisheries.fws.gov/aadap>

## **NEWS**

### **KUDA INFECTIONS IN THE NORTH SEA -**

<http://www.thefishsite.com/fishnews/7838/dangerous-parasites-discovered-in-the-north-sea>

### **FACING DEADLY FISH VIRUS, CHILE INTRODUCES REFORMS -**

<http://www.nytimes.com/2008/09/04/world/americas/04chile.html>

### **NEW COALITION FOCUSES ON LOBSTER HEALTH**

<http://news.maine.com/updates/031693.html>