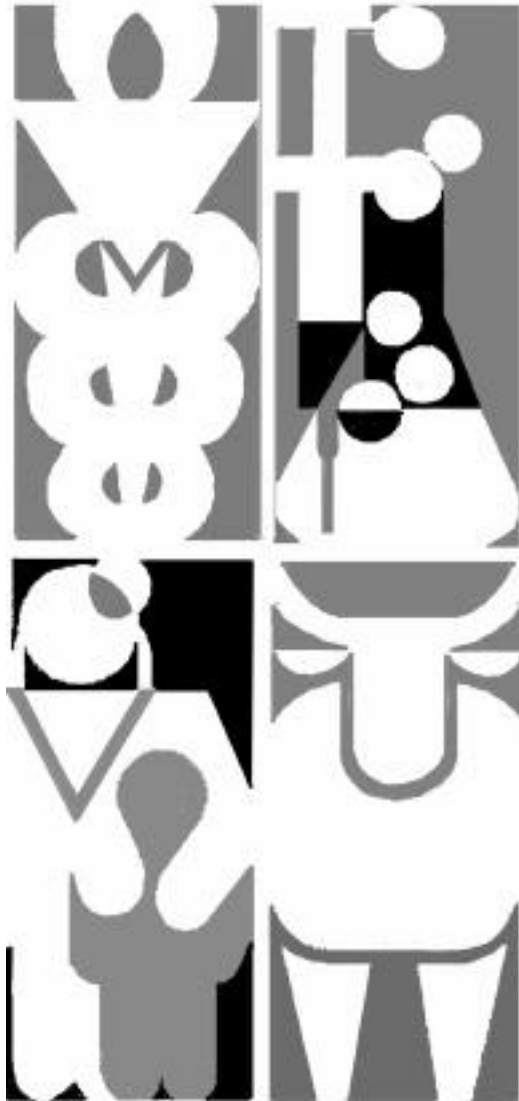


# NEWSLETTER



## Association of Teachers of Veterinary Public Health and Preventive Medicine

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ATVPHPM is committed to developing and fostering the academic base for veterinary public health and preventive medicine

Visit the ATVPHPM Web site at...

<http://www.cvm.uiuc.edu/atvphpm/>

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**Important:** Please take a moment to look at your mailing label on the envelope. The number (e.g. 98) in the lower right corner of the mailing label is the last year for which a dues payment has been recorded. Membership dues remain \$15 US annually and are payable on January 1 of each year. If, for example, your dues payment year is indicated to be 97, then to become current you should remit two years dues or \$30. The ATVPHPM Constitution and By-Laws require that members two years in arrears in payment of dues shall be dropped from membership (Article VIII)

# ASSOCIATION NEWS

## ATVPHPM President's Message

The past year has been a significant one for the Association with several important milestones that members should be proud of. Overall, I believe that we have successfully met our Association's goal of the advancement of veterinary public health and preventive medicine through education.

Did you know that the ATVPHPM and its members were:

- The major sponsor of ISVEE IX - - we gave \$15,000 in direct sponsorship plus the profit of about \$11,600 from pre-ISVEE courses for a total contribution of \$26,600.
- Heads of the Organizing and Scientific Committees for ISVEE IX - - in fact, of the U.S. and Canadian members of these committees, 6/10 were current ATVPHPM members.
- Organizers of the highly successful 3- and 4-day pre-ISVEE courses on diagnostic testing, infectious disease modeling, mixed models and spatial analysis. Including instructors, 126 people participated in these courses.
- Organizers of the Epidemiology and Animal Health Economics section at the 2000 CRWAD meeting. In addition, we sponsored 2 graduate student awards in Epidemiology and Animal Health Economics.

Current members also accrued direct benefits from their membership. The ATVPHPM was able to support one graduate student registration per member at ISVEE IX (a value of \$150 - - 10 times the value of the 2000 annual dues of \$15).

The bottom line is that ATVPHPM is a major player in veterinary public health, preventive medicine and epidemiology in North America. If you are not a member, now is the time to join. If you are a member, continue to spread the good word about our Association's activities. A vital and active ATVPHPM has much to offer individually and collectively!

### Annual dues increase imminent

For at least 5 years, the ATVPHPM has kept its annual dues at \$15. However, the Executive Committee is

unanimously recommending a dues increase to \$20 starting in 2001.

Why is the increase necessary? First, we are introducing the option of paying dues by credit card (Visa or MasterCard) through the Web Site. This option will be open to all members but will certainly make life easier for non-U.S. members who often incur substantial additional fees (wire transfer costs, check conversion costs) to maintain membership. Second, income from continuing education courses has declined so that currently our annual expenses exceed annual income. Third, ATVPHPM members have voted to add additional graduate student awards which will increase costs for our Association. Fostering intellectual development of graduate students and recognizing excellence are high on our priority list!

Even at the increased rate of \$20, the Executive Committee believes that the ATVPHPM is a great investment in the future of veterinary public health, preventive medicine and epidemiology. We recommend a *Ayes@* vote for the fee increase on the ballot that is enclosed with the Newsletter. To be approved, three-fourths (3/4) of the voting members must support the increase.

### Ballot for officers

As part of the current newsletter, you will find a ballot for Secretary/Treasurer and 2 Members-at-large. Our outgoing Secretary/Treasurer Jim Thorne has agreed to serve again B thanks, Jim. Four members, Laura Hungerford, Dale Moore, Jan Sergeant and Tom Wittum, have agreed to run for the 2 Member-at-large positions (terms will expire in November 2002). Biographical sketches are on the reverse side of the Ballot.

Who is eligible to vote? First, you must be current in dues i.e. paid through 2000. Second, there are restrictions depending on whether you are a U.S. or a non U.S. member.

- U.S. members - DVMs must be members of the AVMA; non-DVMs have no restrictions.
- Non U.S. members - there are no voting restrictions.

The voting restriction is part of our By-laws. However, the current Executive Committee will reexamine this restriction, and if necessary, recommend a By-law change

at the 2001 Annual Meeting, which will be held in association with the CRWAD meeting in St. Louis. Most likely, we will hold the meeting at noon on Monday, November 12, 2001 in the room used for oral presentations in the Epidemiology and Animal Health Economics section.

### **Graduate Student Awards at the 81<sup>st</sup> CRWAD meeting in Chicago**

One rewarding task as President was the opportunity to present 2 graduate student awards in the Epidemiology and Animal Health Economics section at this year's CRWAD meeting. Awardees, who received \$100 and a plaque in recognition of the excellence of their oral presentations, were:

Dr. Larew Naugle from The Ohio State University, Columbus, Ohio for Abstract #26 titled "Comparison of paired fecal cultures and ELISA tests as screening tools for *Mycobacterium avium* subsp. *paratuberculosis* infection in dairy herds."

Dr. Claudia Muñoz-Zanzi from the University of California, Davis for Abstract #40 titled "Modeling of post-natal transmission of bovine viral diarrhoea virus in dairy heifers and effect of age at vaccination."

Congratulations to all the graduate students who presented talks and posters. They were of high quality and we look forward to your continuing participation at future meetings.

At the 2001 CRWAD meeting, we will offer at least 1 ATVPHPM award in addition to one award from the American College of Veterinary Preventive Medicine. The 2001 meeting will be held in St. Louis, Missouri at the Regal Riverfront Hotel (<http://www.hotelroom.com/missouri/regalriver.html>) from Sunday November 11 to Tuesday November 13.

### **Recognition of members who made outstanding contributions in 2000**

On behalf of all Association members, I would especially like to recognize contributions by our outgoing Executive Members -- Jim Thorne, Tom Wittum and Paul Bartlett -- to the management and overall success of our organization.

Many other members have made important contributions during the past year but several are deserving of special recognition. ISVEE IX was a major focus for many members and its success was largely attributable to the hard work of the Organizing and Scientific Committees, which were headed by Mo Salman and Hollis Erb, respectively. Paul Morley headed up the organization and management of a very successful group of pre-ISVEE

short courses and Laura Hungerford was Section Leader again for the Epidemiology and Animal Health Economics session at the 2000 CRWAD. This latter meeting continues to be an important forum for research presentations in epidemiology, animal health economics and preventive medicine

To all of you who contributed so much during the past year, thank you.

### **A closing note**

Our Executive Committee welcomes your ideas and input. Please contact us if you have any concerns or if you have suggestions for future initiatives.

To all members and their families, I wish you a happy and healthy Holiday season.

Ian Gardner

### **ATVPHPM Graduate Student Award**

The ATVPHPM is pleased to announce that it is seeking applications for the 2001 Mark Gearhart Memorial Graduate Student Award. This award will be made for the best manuscript submitted by a graduate student who is completing or has just completed advanced academic or professional training in veterinary public health or preventive veterinary medicine. The award consists of a plaque and \$300, based upon review by a panel of ATVPHPM members. Applicants are required to submit four copies of a manuscript that is suitable for publication in a peer reviewed journal, and four copies of the applicants curriculum vitae. The student's graduate advisor must also submit a letter stating the role the graduate student took in the project and in preparing the manuscript. Manuscripts should be suitable for publication, and should be formatted in the style used by Preventive Veterinary Medicine. However, it is not required that manuscripts be submitted to this journal. Manuscripts that have been submitted for publication or have been published after July 1, 2000 are acceptable.

Application materials should be sent to Dr. Paul Morley, Dept. of Environmental Health, Colorado State University, Fort Collins, CO, 80526, and must be received before June 1, 2001 in order to be considered.

The recipient of this award will be encouraged to attend the 2001 Conference of Research Workers in Animal Diseases and present an abstract based upon this manuscript. For more information, contact Dr. Paul Morley (Ph: 970-491-7332; Fax: 970-491-2940; Email: [Paul.Morley@Colostate.edu](mailto:Paul.Morley@Colostate.edu)).

## Review of ATVPHPM Awards

The ATVPHPM is currently reviewing awards that are made by the association. In the past, four different awards have been made by the association, but these awards have not been regularly made in the recent past. Members that are interested in participating in this review, or that have suggestions for awards should contact Dr. Paul Morley (Ph: 970-491-7332; Fax: 970-491-2940; Email: Paul.Morley@Colostate.edu).

## Pet Population Study and Policy Web Site

ATVPHPM was a founding member of the National Council on Pet Population Study and Policy. The Council now has a web site:  
<http://www.petpopulation.org>.

John C. New

## How to Contact ATVPHPM

Applications for membership, accompanied by a check for \$15 payable to the ATVPHPM, should be sent to:

Dr. James Thorne, Secretary/Treasurer, ATVPHPM  
Middlebush Farm  
Veterinary Pathobiology

College of Veterinary Medicine  
University of Missouri  
Columbia, MO 65211

Phone: 573/882-6068  
FAX: 573/884-5050  
E-mail: [thornej@missouri.edu](mailto:thornej@missouri.edu)

Membership application forms are available online at:

<http://www.cvm.uiuc.edu/atvphpm/>

Newsletter items can be sent to:

Dr. Ronald D. Smith, Newsletter Editor, ATVPHPM UI  
College of Veterinary Medicine  
2001 South Lincoln Ave  
Urbana, IL 61802.

Phone: 217/333-3290  
FAX: 217/244-7421  
E-mail: [rd-smith@uiuc.edu](mailto:rd-smith@uiuc.edu)

Current and past issues of the ATVPHPM Newsletter are also available online at:

<http://www.cvm.uiuc.edu/atvphpm/>

# REPORTS FROM THE ATVPHPM ANNUAL MEETING IN CHICAGO

## ATVPHPM Executive Board Meeting

Congress Hotel, Chicago, IL  
Monday, November 13, 2000

Members attending: Ian Gardner, Jorge Hernandez, Paul Morley, Mo Salman, Margaret Slater, Ron Smith, Jim Thorne and Tom Wittum.

Secretary-Treasurer Jim Thorne gave the treasurer's report (a copy attached).

### ISVEE9

Mo Salman announced that ISVEE9 ended up in the black with \$ 5,000 being transferred to ISVEE10 in the name of ATVPHPM.

### CE

Negotiations are underway (but not final) to have an Epidemiology course for USDA conducted in Spanish. It will probably be funded by two agencies. ATVPHPM would receive some CE funds from this if it occurs.

## Credit Card

Jim Thorne presented two options for exploration. Regular credit card account with ATVPHPM bank would require \$ 600 initial expense and then 2.3% to 4% charge on each transaction depending whether or not an actual signature was obtained. For most of ATVPHPM transactions there would not be a signature, thus resulting in 4%.

PayPal is a web-based ([paypal.com](http://paypal.com)) secure payment service that permits businesses to be paid by individuals on-line. This would cost 1.9% + \$ 0.25 per transaction in the \$ 15 to \$ 500 range. A button would be placed on the ATVPHPM web site. Members could pay dues by credit card by clicking on the button. Payments would be sent to ATVPHPM at regular intervals.

The committee decided to use PayPal when the dues increase to \$ 20 is passed by members (going out with the election ballot).

### **Awards**

Awards were discussed. Paul Morley will investigate using the Mark Gearhart award for future CRWAD. It will be \$ 200 and will be in addition to the ACVPM award.

### **Elections**

Paul Bartlett and Tom Wittum terms are expiring. Wittum will run again. Dale Moore and Jan Sargeant have consented to be nominated for Member-at-Large. Later during the CRWAD meeting, Laura Hungerford indicated that she would be willing to be added to the ballot.

### **By-Laws**

Ian Gardner will work on the By-laws revision with other interested Association members. A current copy is on the ATVPHPM web page.

### **Website**

Ron Smith announced 2,954 visits in the past 12 months. Software, upcoming meetings and positions available received the most hits.

### **Goals for 2001**

1. Dues increase - an increase from \$ 15 to \$ 20 dues will be proposed to members at the annual meeting at noon. A formal vote on the increase will be included with the ballot for office bearers that will be sent out in the next newsletter.
2. Reinstate awards
3. Conduct an educational component at 2001 CRWAD in St. Louis. This would probably encompass graduate education.
4. Paul Morley suggested that we maintain a secure website (for members only). It would contain teaching materials used by and for ATVPHPM members.

Respectively submitted

Jim Thorne  
Secretary-Treasurer

### **ATVPHPM Annual Meeting**

Congress Hotel, Chicago, IL  
Monday, November 13, 2000  
11:30 a.m.

President Gardner called the meeting to order and welcomed those attending. He distributed an attendance record, a list of which is attached. He gave a brief review of highlights for the past year involving members including ISVEE and the pre-ISVEE courses (these highlights are to be included in the Presidents

message in the next newsletter). On behalf of Association members, he thanked Paul Barlett, Jim Thorne and Tom Wittum as outgoing Executive Board members. He also announced continuing Board members for 2000-2001.

### **Treasurer's Report**

The current financial situation for the Association was reviewed. The bank balance as at Nov 5, 2000 was \$17,754. For financial year 2000-2001, the expected deficit (income minus expenses) is \$834 excluding the cost of awards. To some extent, this loss will be offset by the proposed dues increase from \$15 to \$20.

### **Membership Dues Increase**

The Executive Board has recommended a dues increase from \$15 to \$20 for 2001. The dues increase will be formally considered by member ballot at the end of the year. The increase is to allow for a credit card payment option, a decrease in revenues and increasing operational costs

### **Newsletter/Website**

Ron Smith announced 2,954 visits in the past 12 months. Software, upcoming meetings and positions available received the most hits. Ron Smith announced that he needed newsletter items by December 1, 2000

### **Awards**

Paul Morley will present updated information at the 2001 meeting in St. Louis (CRWAD).

### **Graduate Education Seminar**

President Gardner appointed Dave Hird, Dan Scholl, Paul Morley, Ron Smith and Margaret Slater to work on recommendations to present to the ATVPHPM Committee.

### **Brochure**

All remaining copies of the brochure were distributed at ISVEE IX. The brochure will be reprinted once the vote on the increase in dues has been tallied and the fee structure amended. President Gardner has the current electronic version of the brochure.

### **Continuing Education**

Mo Salman reported that negotiations are underway (but not final) to have an Epidemiology course for USDA conducted in Spanish. It will probably be funded by two agencies. ATVPHPM would receive some CE funds from this if it occurs.

### **Membership Lists**

The current membership list is being updated. Either Past-President New or President Gardner will write to members who in arrears in dues payments.

**By-Laws Revision**

Pres Gardner appointed Ian Gardner, Dale Moore, John New and Bill Sischo to review the ATVPHPM By-laws and make recommendations for changes.

The meeting was adjourned at 12.15pm.

Members attending meeting

Ron Weigel  
 Ronald Smith  
 Dale Moore  
 Jan Sergeant  
 Margaret Slater  
 Randy Singer

Paul Morley  
 Laura Hungerford  
 Mo Salman  
 Richard Slemmons  
 Ian Gardner  
 Jim Thorne

Non-members attending meeting

Stuart Reid  
 Brenda Bonnett  
 Dave Dargatz  
 Michael Ward

## ATVPHPM Financial Report

	<u>Finances Oct 3, 1999 - Nov 5, 2000</u>	<u>Budget 2000-2001</u>
Balance Oct 3, 1999	27,020.72	17,539.33
Income		
Dues	2,040.00	2,000.00
Interest	662.23	400.00
CRWAD seminar	760.00	
Total Income	3,462.23	2,400.00
Expenses		
ISVEE	7,000.00	
NCPPSP exp	1,225.63	1,250.00
Newsletter	1,884.00	1,884.00
Seminar	711.99	
Epi/Food Safety	2,000.00	
Misc - check clearance chg	15.00	100.00
Fm 990 review	72.00	
Total Expenses	12,908.62	3,234.00
Income over expenses	-9,446.39	-834.00
Bank Balance Nov 5, 2000	17,574.33	16,705.33

## INTERNET RESOURCES

### New Bovine TB Website Provides Information Access

CSREES Update  
December 1, 2000

Michigan State University has launched a new Internet site to provide timely information on bovine tuberculosis. USDA was a partner in creating the site - available at <http://www.bovinetb.com> - along with MSU and three state agencies.

There are eight major links on the site - centering on the disease, farm issues, wildlife issues, pets, human issues, maps, laws and regulations, and youth.

"Although focused on the current situation in Michigan, the information is relative to control of bovine tuberculosis nationally and internationally," said Dan Grooms, MSU Extension Veterinarian.

## NEWS & COMMENTARY

### WHO Fact Sheets on BSE and vCJD

November 30, 2000  
World Health Organization  
Marco Jermini  
[http://www.who.it/ht/food\\_safety.htm](http://www.who.it/ht/food_safety.htm)

Dear Food Safety colleagues,  
During November 2000 an increased incidence of BSE in France and the detection of first cases in Germany, Azores Islands and Spain (all areas previously considered free of BSE) has triggered consumers fears in the safety of beef. We are therefore pleased to inform you that the WHO/EURO Food Safety webpages have been specifically updated. You will now find:  
1) General information on BSE/vCJD at the address: [http://www.who.it/HT/fs\\_mact.htm#TSE](http://www.who.it/HT/fs_mact.htm#TSE)  
2) two revised WHO Fact Sheets on BSE and vCJD at the address: [http://www.who.it/docs/fdsaf/fs\\_fs.htm](http://www.who.it/docs/fdsaf/fs_fs.htm)

We would like to remind you that the final report of the WHO/EURO-ANPA seminar "The release of genetically modified organisms in the environment: is it a health hazard?" is also available at the address: <http://www.who.it/Emissues/GMO/gmorpt.htm>

We also would like to inform you that in a few weeks the WHO/EURO Food Safety Programme and the Federal Institute for Health Protection of Consumers and Veterinary Medicine (BGVV) will post on the web a preliminary version of the 7th Report of the WHO Surveillance Programme for Foodborne Infection and Intoxications in Europe 1993-1998. You will be promptly notified about.

Thank you for your constant support.

Best regards

Marco Jermini  
Marco Jermini, PhD  
Food Safety Regional Advisor  
EDP and Library Supervisor  
World Health Organization  
Regional Office for Europe  
European Centre for Environment and Health  
via Francesco Crispi 10  
00187 Rome  
tel. 0039 06 4877525 (direct)  
tel. 0039 06 4877535 (assistant Ms Manuela Zingales)  
fax.0039 06 4877599  
e-mail: [maj@who.it](mailto:maj@who.it)  
URL: [http://www.who.it/ht/food\\_safety.htm](http://www.who.it/ht/food_safety.htm)

### Exercise Demonstrates Foot and Mouth Disease Outbreak in U.S. would be Costly

From: Carla Everett <[ceverett@tahc.state.tx.us](mailto:ceverett@tahc.state.tx.us)>  
Source: Texas Animal Health Comm. News Release, 21 Nov 2000 [edited]

A foreign animal disease outbreak in Texas could cost government entities more than \$50 million per county, according to estimates tallied up in early November, when livestock health officials simulated an outbreak of foot-and-mouth disease (FMD) in South Texas to test emergency preparedness.

Worse yet, the figures compiled by the Hidalgo County emergency management coordinator do not include indemnity payments to pay producers for livestock destroyed to prevent the spread of disease, or lost revenue

due to inevitable state and federal quarantines that would restrict livestock and livestock product movement for months, or possibly, years. Marketing opportunities would be restored only when an affected region could prove it is disease-free.

"FMD, without a doubt, is the most economically important livestock disease, and recent outbreaks around the world make this highly contagious virus a tangible threat to our domestic livestock. This disease also strikes a variety of species, so it was an excellent choice for a test exercise. If we could develop our ability to fight FMD, we could stop any disease," said Dr. Linda Logan, Texas' State Veterinarian and head of the Texas Animal Health Commission (TAHC), the state's livestock health regulatory agency.

Dr. Logan said the \$50 million cost estimate was just the initial economic impact on Texas agriculture. Costs were calculated by Hidalgo County Emergency Management Coordinator Charlie Montgomery, who worked with personnel dispatched to the site of the first simulated case in the practice exercise.

"FMD outbreaks can devastate an animal agricultural-based economy," said Dr. Logan. "In addition to the enormous direct costs of fighting the disease, there are also the lost opportunities for trade. A region's credibility regarding disease prevention and control also could be critically damaged."

"This exercise gave us a 'homegrown' demonstration about how fast FMD can get out of hand," pointed out Dr. Max Coats, TAHC's head of animal health programs. "Immediate action is required. We hope to use this experience to reinforce the need for producers to report animal illnesses or deaths to private practitioners or regulatory agencies."

A planning team of livestock health regulatory officials from the U.S., Canada, and Mexico developed the exercise with the goal of testing international communications and decision-making regarding distribution of the limited supplies of FMD vaccine among the 3 countries.

Within the state, Dr. Coats said the Texas Emergency Response Team (TERT) practiced working within the state's emergency management system. The system is a network of county and state agencies capable of providing much-needed manpower, equipment and technical support. TERT is a cooperative effort of the TAHC and Texas' U.S. Department of Agriculture's Veterinary Services staff and is prepared to address disease outbreaks or natural disasters affecting animals.

The disaster scenario began in mid-October, but for purposes of the exercise, was not reported to livestock

health officials until the first of November. Officials were told that on October 15 [2000], a South Texas swine producer retrieved food scraps for his animals from a foreign ship docked in Brownsville. He fed the uncooked waste food to his pigs, unaware bits of the meat contained the FMD virus. Although it poses no human health danger, the virus causes severe blistering in the mouth and around the muzzle, teats and feet of cloven- or split-hooved animals, including goats, sheep, cattle, pigs and deer. A very high percentage of animals exposed to the FMD virus will become ill, and many never recover.

Within a few days, the fictional producer's swine exhibited signs of illness and several litters of piglets had died. The owner finally contacted the TAHC on 1 Nov 2000, but by then, he had sold several pigs from the premises, and more than 1200 susceptible animals had moved through a nearby livestock market. These animals were exposed to the disease when the virus became airborne.

"What began as a one-site foreign animal disease investigation in Hidalgo County literally 'blew up,' within 2 days, as we received reports of sick animals next door in Cameron County and as far away as Dallas County in North Texas," said Dr. Dee Ellis, a TAHC area director who headed the TERT team in South Texas.

"Furthermore, the storyline included our need to 'catch' a truck that had been contaminated with the virus. The driver had criss-crossed the country from Harlingen to Canada and back, and from Missouri to the Rocky Mountains, potentially spreading disease far and wide," said Ellis.

"To stop the spread of disease, immediate action is required to stop animal and livestock vehicle movement," said Dr. Ellis. "We needed immediate producer cooperation to stop livestock hauling, close sale barns, rodeos and other events in affected areas."

"We also discovered how quickly TAHC commissioners must impose formal movement restrictions to avoid a massive outbreak," commented Dr. Logan. "The commissioners must also decide when to request a disaster declaration, so that affected and exposed animals can be depopulated and owners can be compensated with government funds. Thanks to the state's emergency management system, we can draw on staff and equipment needed for a wide variety of tasks, including depopulating sick animals, maintaining movement controls and tracing movement of livestock that may have been exposed to the disease."

"By the third day of the exercise, we were chasing disease and had not been able to contain infection," commented Dr. Dee Ellis. "Hidalgo, Cameron and

Willacy Counties were placed under a simulated quarantine to slow the spread of infection. In the exercise, the deer hunting season was suspended." Dr. Conger explained deer can be affected by the disease, and moving infected carcasses can spread infection.

By the final day of the exercise, TAHC commissioners stopped livestock movement statewide. Livestock movement into and out of the state was shut down, and Oklahoma, Kansas and Colorado embargoed Texas livestock. A goat herd near the infected swine operation became ill and was set for depopulation, said Dr. Ellis.

In the test scenario, Mexican-imported cattle that were held temporarily at the livestock market in Hidalgo County developed lameness and blisters. The Mexican imports had already been transported to a Starr County feedlot and had exposed 20 000 head of cattle, which would have to be destroyed.

"For more than 2 years, the TERT team had prepared for a disease outbreak or natural disaster involving animals," said Dr. Logan. "Thankfully this was an exercise, and we will continue to fine-tune our plan, sharpen skills and strengthen partnerships with producers, practitioners and other agencies in order to be ready when a real disease is introduced or a natural disaster hits."

Dr. Logan stressed global travel of humans and livestock has greatly increased the risk of a foreign animal disease outbreak or pest introduction. She urged producers to report potential signs of disease to private practitioners, the TAHC area offices, or agency headquarters.

Danger signs in a herd or flock include: blistering around an animal's mouth, teats, muzzle or hooves; unusual ticks or maggots; staggering, falling or central nervous system disorders; and severe sudden illness or death loss affecting a high percentage of animals.

## **Summary of International Workshop - Determining the Disease Status of Countries and Zones as Prevalence Approaches Zero**

August 13 & 14, 2000  
Fort Collins, Colorado

### **Executive Summary**

#### **Background**

The Agreement on the Application of Sanitary and Phytosanitary Measures (SPS agreement) of the World Trade Organization (WTO) requires that trade decisions regarding sanitary and phytosanitary issues must be scientifically based. The SPS Agreement recognizes that a *zone* within an infected country, or a *region* comprised of several countries or parts thereof, could be declared disease-free based on factors such as geography,

ecosystems, veterinary infrastructure and in particular, animal movement control and disease surveillance systems. Countries, regions, and zones wishing to be internationally recognized as free from specific diseases must provide sufficient evidence to support their claims.

A number of factors need to be considered when designing a strategy aimed at determining the absence of disease. Supporting disease claims as prevalence approaches zero requires a multifaceted approach.

An international panel of scientists working in this field met in Fort Collins, Colorado to discuss different methods regarding the use of survey and surveillance data to determine the disease status of countries and zones as prevalence approaches zero.

#### **Objectives**

The objectives of the workshop were to:

- Identify and discuss the issues involved in determining the disease status at a country or regional level, when prevalence approaches zero
- Discuss different methods and approaches used internationally for disease status recognition
- Provide a set of tools applicable to different epidemiological conditions

#### **Outcome**

Comprehensive notes from the workshop, including a list of workshop participants, are included in this document after this executive summary. The workshop was structured into brief presentations by participants outlining their approaches to the issue. Presentations included both current application of the concept of disease freedom as well as methods being currently researched. Group discussions on three main topics followed the presentations:

- Current needs in the international recognition of disease freedom
- Methods currently available to assess disease freedom both quantitatively and qualitatively
- Requirements for field application of existing methods and necessary modifications to existing surveillance and monitoring systems to assess disease freedom

Conclusions from each group discussion are included in the workshop notes. In general, the agreement was that the approach used to document the disease status of countries and zones when prevalence approaches zero needs to incorporate different sources of evidence including:

- Active surveillance (structured surveys)
- Passive surveillance
- Quality of veterinary services
- Geography

- Livestock movement history

New methods and approaches need to be developed to integrate all the relevant factors in a quantitative way. To conclude the workshop, collaborative teams were formed to draft a series of papers that will be published as a special issue of *Preventive Veterinary Medicine*. For each topic, authors and a contact point were identified, the chosen topics were:

- Background introduction

- User needs
- Surveillance methods
- Quality assurance of the system
- Data collection and analysis
- Maintenance of the system

Minutes of this workshop is available on the website <http://www.cvmb.colostate.edu/cveadss>. For further information you may contact Dr. M.D. Salman <m.d.salman@colostate.edu>

## MEETINGS, WORKSHOPS & COURSES

See the ATVPHPM Web site at <http://www.cvm.uiuc.edu/atvphpm/> for the most current listings.

### **International Course on Animal Health Economics**

February 19-23, 2001  
Palmerston North, New Zealand

An international course on Animal Health Economics will be held in Palmerston North, New Zealand from February 19-23, 2001. The course addresses applications of current economic methods to food animal production, with a focus on dairy production. The course leaders, Dr. Roger Morris (New Zealand) and Dave Galligan (Pennsylvania) are recognised leaders in this area. The course will include a large component of hands-on, computer based workshops. Below I have included contact details on the course, and further details are available at the web-site.

Dr. Peter Davies BVSc, PhD  
Associate Professor, Veterinary Epidemiology  
Massey University EpiCentre,  
Institute of Veterinary, Animal and Biomedical Sciences,  
Massey University, Palmerston North, NEW ZEALAND  
Ph +64 (0)6 350 5860 Fax +64 (0)6 350 5716  
Meet us on the Web:  
<http://epicentre.massey.ac.nz>

### **SVEPM 2001 Information and Registration**

March 28-30, 2001  
Noordwijkerhout, The Netherlands

Since the foundation in 1982, the Society for Veterinary Epidemiology and Preventive Medicine organises annually a scientific conference. Originally, the Society consisted of members from the U.K. Nowadays, however, an increasing number of members are from outside the U.K.. It was decided, therefore, to organise the annual meeting of 2001 outside the U.K. As the

local organising committee, we are happy to announce that next year's meeting will be held on 28-30 March 2001 in the Golden Tulip Conference Hotel "Leeuwenhorst" in Noordwijkerhout, The Netherlands.

Information on the programme, together with the registration form, poster application form, and credit card form can be found at <http://www.vie.gla.ac.uk/svepm/>

It is emphasized that speakers as well as poster applicants also should fill in the registration form. Also, if your abstract was not chosen for an oral presentation, you should apply again for poster space. We appreciate if you could register by early January. When we have received your registration form and payment, we will send you a confirmation, together with a route description and complete address of the conference hotel.

On the registration form, we have included the option for payment of membership fee. If you wish to become a member, it suffices to fill in this part of the registration form. You don't have to fill in a separate membership application form!

All questions and forms regarding the conference can be directed by either e-mail, fax or post to the organisers' contact address, which is:

Lisette Graat  
Wageningen University  
Dept. Animal Sciences  
Quantitative Veterinary Epidemiology Group  
P.O.Box 338  
6700 AH Wageningen  
tel. +31.317.483933  
fax. +31.317.485006  
e-mail: LISETTE.GRAAT@GENR.VH.WAG-UR.NL

## **Canadian Association of Veterinary Epidemiology and Preventive Medicine (CAVEPM) 2001**

May 10 - 18, 2001

Atlantic Veterinary College  
University of Prince Edward Island  
Charlottetown, PEI, Canada

From May 10th to 18th, 2001, CAVEPM will be sponsoring their annual meeting and two short courses in PEI

May 10th - 12th - short course

An Introduction to the Epidemiology of Infectious Diseases and their Control: A Veterinary Perspective  
Dr. Chris O'Callaghan, Queen's University, Ontario, Canada

Dr. Graham Medley, University of Warwick, UK

May 13th - CAVEPM meeting and presentations "Infectious Disease Epidemiology"

Dr. Wayne Martin, Univ. of Guelph, Guelph, Canada  
Chair, Scientific Committee

May 14th - 18th - short course

An Introduction to Multilevel Modelling: With an emphasis on the analysis of count and proportion data  
Dr. Henrik Stryhn, Danish Vet. Laboratory, Copenhagen, Denmark

Dr. Ian Dohoo, University of PEI, Charlottetown, Canada

Additional information with registration, course, and abstract submission details can be found at:  
<http://www.upei.ca/~cavepm/>

For immediate information, please contact: Dr. Ian Dohoo (dohoo@upei.ca), or Mr. James Valcour (valcour@upei.ca)

## **Geographical Information Systems in Veterinary Science Conference**

September 11-13, 2001

Lancaster University

## **Educating and Training Veterinary Epidemiologists for the 21st Century**

Proposed Session: 2001 Boston AVMA Annual Convention Program; July, 2001

Submitted by: American College of Veterinary Preventive Medicine; Candace A. Jacobs, DVM, MPH (360) 902-1888  
cjacobs@agr.wa.gov

Section: Public and Corporate Practice

Program Area:

- Advances in Veterinary Medicine
- Animal Disease Prevention
- Public Health Medicine
- Laboratory Animal Medicine
- Current Topics in Public and Corporate Practice

Lancaster University is hosting a conference entitled GISVET: Geographical Information Systems in Veterinary Science, from 11th - 13th September 2001. The meeting is jointly organised with the Veterinary Laboratories Agency, Weybridge, England.

The conference takes the form of presentations from invited speakers, together with submitted papers. Most invited speakers have already been confirmed. We shall issue a call in January for offers of submitted papers and posters. The papers will be offered as a special issue of a leading journal. The invited presentations will be published separately, as an edited book.

In addition to the main conference programme, there will be optional workshops, both introductory and more advanced, on GIS and spatial statistics, with particular reference to problems in veterinary science. These will take place on 10th September (introductory) and 14th September (more advanced).

Lancaster University is in north-west England, about an hour's drive from Manchester Airport. It is close to areas of outstanding natural beauty. We have therefore arranged optional excursions to the Lake District in advance of the conference (9th September), and an afternoon excursion to the Yorkshire Dales on the afternoon of 13th September.

There will be an evening reception and welcome on 10th September, a display of posters and drinks reception on 11th September, and a conference dinner on 12th September.

Details of booking, the academic and social programme, and invitations to submit posters and papers will be available in January at the conference site:

<http://www.lancs.ac.uk/depts/ihr/gisvet.htm>

The programme is being organised by Dr Peter Durr and Professor Tony Gatrell. The conference administrator is Ms Teresa Wisniewska (t.wisniewska@lancaster.ac.uk).

Time	Title	Speaker
30 min	Meeting the Need for Epidemiologists in the 21 <sup>st</sup> Century	Lonnie King
30 min	Proposed Guidelines for DVM Training in Epidemiology	Vicky Fogelman
30 min	Post-Graduate Academic Training in Veterinary Epidemiology	Ian A. Gardner
30 min	Opportunities in Applied Veterinary Epidemiology Training	Will Hueston & Kelly Rhodes
30 min	Continuing Education Needs in Epidemiology for Veterinary Practitioners	Dale Moore
30 min	Discussion: Continuing Challenges in Veterinary Epidemiology Training	Panel of above speakers

## SUGGESTED READING

### **Congressional Investigative Report on The Outbreak of West Nile Virus in 1999**

The Congressional investigative report on the outbreak of West Nile Virus in 1999 is available at: [www.gao.gov](http://www.gao.gov). It is titled "West Nile Virus Outbreak - Lessons for Public Health Preparedness".

### **New journal on molecular epidemiology: Infection, Genetics and Evolution**

A new society for molecular epidemiology and evolutionary genetics in infectious diseases has been created, based on the successful series of 5 MEEGID meetings supported by the CDC in Atlanta, CNRS-IRD Montpellier, Oswaldo Cruz and the CDFD in Hyderabad.

In 2001, this group together with Elsevier will launch a new journal titled INFECTION, GENETICS AND EVOLUTION. Details on aims and scope, editorial

board and call for papers information can be found on the journal website at <http://www.elsevier.com/locate/meegid>.

Veterinary papers are most welcome provided they are of a fairly general nature, written for a wider audience, and sufficient attention is paid to the key topics of this journal: molecular epidemiology and evolutionary genetics.

### **Two Special Issues on Zoonoses - Free Full Text Online**

Acta Tropica Volume 76, Issue 1, 21 July 2000.  
Tropical Zoonoses in West Africa, Guest Editors: D.J.L. Williams, B.D. Akanmori, J.M. Wastling

International Journal for Parasitology Volume 30, Issue 12-13, November 2000. Emerging Parasite Zoonoses, Guest Editor: RC Andrew Thompson.

# Instructions and Biographical Sketches of

## Candidates for 2001 ATVPHPM Elections

On the attached ballot, select TWO (2) candidates for Member-at-Large and ONE (1) candidate for Secretary/Treasurer. Only members who are current in their dues payments (paid through 2000) are eligible to vote. Dues can be returned with the ballot. The number (e.g. 00) in the lower right corner of the mailing label is the last year for which a dues payment has been recorded. Membership are \$15 annually and are payable on January 1 of each year.

Bylaws can be found at the ATVPHPM Web site at <http://www.cvm.uiuc.edu/atvphpm/>

### Candidates for Member-at-Large

**Laura Hungerford** is an Associate Professor at Great Plains Veterinary Educational Center, University of Nebraska. She received her B.S. and D.V.M. from Michigan State University. She completed a food animal internship, diagnostic microbiology training, and a Ph.D. in veterinary epidemiology at the University of Illinois, College of Veterinary Medicine and an M.P.H. at the University of Illinois-Chicago, School of Public Health. She taught a variety of veterinary public health, epidemiology and preventive medicine courses as a faculty member at the University of Illinois. She currently teaches epidemiology and preventive medicine to sophomore and senior veterinary students, graduate students, and practicing veterinarians using classroom and distance education methods. Her research is in quantitative epidemiology, dealing with productivity and food borne zoonoses in beef production; transmission of zoonotic and other agents between species; and spatial determinants of animal health.

**Dale A. Moore**, DVM MPVM PhD, is an Assistant Professor in the Department of Population Health and Reproduction, School of Veterinary Medicine, U.C. Davis. She is a former dairy and public health extension veterinarian at Penn State University where she focused on continuing veterinary medical education as well as field investigations of dairy herd health and production. She also was an Epidemic Intelligence Service Officer with the Federal Centers for Disease Control and Prevention. Her current activities include coordinating educational experiences for Davis and Consortium states' fourth-year veterinary students in dairy production medicine at the Veterinary Medicine Teaching & Research Center, teaching Dairy Herd Health to 3rd-year students, developing and providing continuing veterinary medical education to food animal practitioners, and conducting research in educational needs and outcomes assessments.

**Jan M. Sargeant**, DVM, MS, PhD, is an Assistant Professor in the Food Animal Health and Management Center, Kansas State University. Dr. Sargeant spent several years as a food animal practitioner before pursuing a MS and a PhD in Epidemiology from the University of Guelph in Ontario, Canada. Her current position is primarily research oriented, with interests including food safety (natural ecology of food-borne pathogens), mastitis control in dairy cattle, and uses of existing data bases in epidemiological research.

**Tom Wittum, PhD**, is an Associate Professor in the Department of Veterinary Preventive Medicine at The Ohio State University. He completed graduate work in Veterinary Epidemiology at Colorado State University in 1992, and came to Ohio in 1995 after completing a postdoctoral research position with the USDA's Agricultural Research Service in Nebraska. His current responsibilities include teaching veterinary epidemiology and preventive medicine in the professional veterinary medicine and graduate programs at OSU. His research focus is on the epidemiology of infectious diseases in livestock populations and on-farm food safety research including antimicrobial resistance.

### Candidate for Secretary/Treasurer

**Jim Thorne**, DVM 61 Missouri; PhD 1978 U of Georgia; MPVM 1987 UC Davis; Diplomate, American Board of Veterinary Practitioners (ABVP), Food Animal Practice 1981; clinical mixed species veterinary practice 6 years; food animal clinician at MU and Georgia 10 years; extension veterinarian 7

years; taught epidemiology and preventive veterinary medicine at MU CVM since 1989. Currently, Secretary-Treasurer of ATVPHPM.

Please detach the following section and return your completed ballot, postmarked no later than January 15, 2001, to:

Dr. Ian A. Gardner  
Vet Medicine: Medicine and Epidemiology  
One Shields Ave  
University of California, Davis CA 95616, USA

Alternately, you may email your vote to [iagardner@ucdavis.edu](mailto:iagardner@ucdavis.edu). Be sure to include all requested information. All emailed votes must be sent no later than January 15, 2001 to be valid.

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## Instructions for Vote on Annual Dues Increase

On the attached ballot, please indicate whether you support an increase in annual dues to \$20 per annum from the current \$15 per annum. Reasons for the proposed increase are outlined in the President's message. To pass, at least three-fourths of members who vote must be in favor of the increase.

**If the vote passes, the dues increase will apply to all 2001 dues paid after January 15, 2001.** Dues are normally payable on January 1 of each year.

Only members who are current in their dues payments (paid through 2000) are eligible to vote. Outstanding dues may be returned with the ballot. The number (e.g. 00) in the lower right corner of the mailing label is the last year for which a dues payment has been recorded.

Bylaws can be found at the ATVPHPM Web site at <http://www.cvm.uiuc.edu/atvphpm/>

Please detach the following section and return your completed vote, postmarked no later than January 15, 2001, to:

Dr. Ian A. Gardner  
Vet Medicine: Medicine and Epidemiology  
One Shields Ave  
University of California, Davis CA 95616, USA

Alternately, you may email your vote to [iagardner@ucdavis.edu](mailto:iagardner@ucdavis.edu). Be sure to include all requested information. All emailed votes must be sent no later than January 15, 2001 to be valid.



## **BALLOT - PLEASE SEND NO LATER THAN JANUARY 15, 2001**

Please detach this page and return your completed vote, postmarked no later than January 15, 2001, to:

Dr. Ian A. Gardner  
Vet Medicine: Medicine and Epidemiology  
One Shields Ave  
University of California, Davis CA 95616, USA

Alternately, you may email your vote to [iagardner@ucdavis.edu](mailto:iagardner@ucdavis.edu). Be sure to include all requested information. All emailed votes must be sent no later than January 15, 2001 to be valid.

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### **Member-At-Large (vote for 2 candidates only)**

- Laura Hungerford
- Dale Moore
- Jan Sergeant
- Tom Wittum
- \_\_\_\_\_ (write-in candidate)

### **Secretary/Treasurer**

- Jim Thorne
  - \_\_\_\_\_ (write-in candidate)
- 

### **Annual dues**

- I support an increase in dues to \$20/annum
- I do not support an increase in dues to \$20/annum

### **Additional Information Request**

- I am current on my dues payment
- I am a member of the AVMA (only applies to U.S members who are veterinarians)