

# AAAP SPRING NEWSLETTER

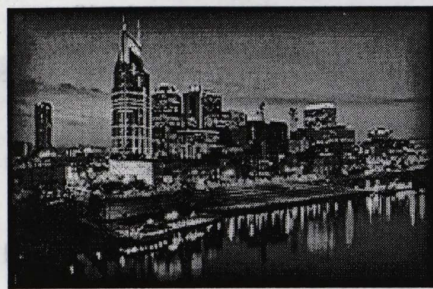
February 2002

## AAAP Annual Meeting to be held July 13-17 in Nashville, Tennessee

All AAAP and AVMA functions and housing will be at **Opryland**.

The AVMA Registration and Housing forms are attached. Please send the housing form in early so that you will be guaranteed a room.

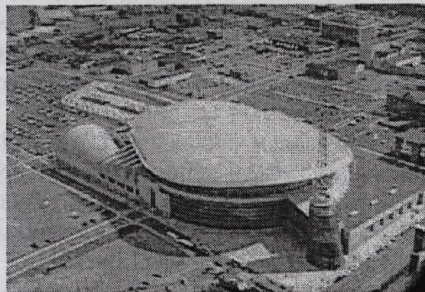
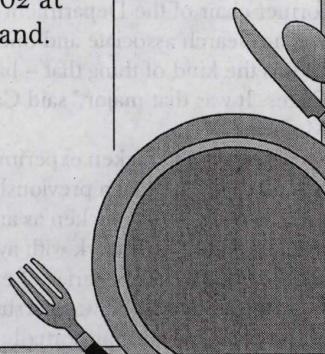
The **Preliminary Program** for the Symposium on Poultry Vaccines and Vaccine Practices and the AVMA/AAAP Avian Medicine Scientific program is enclosed. The program begins with the symposium on Sunday, July 14 and the platform papers on Monday, July 15 and goes through Wednesday noon.



### AAAP AWARDS LUNCHEON

The Awards luncheon will be held on Monday, July 15, 2002 at Opryland.

Ticket order forms will be available soon.



### OOPS!!

It has been brought to our attention that some dues notices arrived after the due date. Sometimes third class mail gets held at processing centers. If you paid a late fee because your notice arrived late, please contact the business office. We apologize to all that received their notice late.



The AAAP Board of Directors will meet all day on Friday, July 12 and Saturday, July 13 and again on Wednesday morning, July 17. All members are welcome to attend. Anyone with agenda items for the Board meeting should contact the AAAP Business Office.

### NEW WEBSITE ADDRESS

Visit the  
**AAAP website**  
<http://www.aaap.info>

AAAP Business Office  
382 West Street Road  
Kennett Square, PA 19348  
Phone (610) 444-4282 or  
(610) 444-5800 ext. 2714  
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Website <http://www.aaap.info>





# OBITUARIES

**Ernest Waller**—Passed away April 8, 2001 at the age of 92.

## George Stein, Jr.

George Stein, Jr., 62, of Parsonsburg died Tuesday, November 20, 2001, in his home.

Born in Weehawken, NJ he was the son of the late George Stein Sr. and Stephanie Stein. Dr. Stein graduated from Rutgers University in New Brunswick, NJ in 1961 with a Bachelor's degree. He received his master's degree from Rutgers in 1966 and his doctor of veterinary medicine degree from Cornell University in Ithaca, NY in 1967. He was director of the Animal Health Laboratory for the Maryland Department of Agriculture on Nanticoke Road in Salisbury since July 1975, and in 1996, he received the Governor's Citation for 29 years of outstanding service with the Maryland Department of Agriculture. After retirement, he continued to teach as an adjunct professor of poultry science and microbiology at the University of Maryland Eastern Shore in Princess Anne until the present time.

He is survived by his wife, Gladys A. Stein of Parsonsburg; two daughters and a son-in-law, Heather and David Massey of Seaford and Holly Stein of Columbus, Ohio; and two grandchildren, Chris Davis and Aaron Massey, both of Seaford. He was preceded in death by a step-brother, Frederick Fleming.

Contributions may be made in his memory to the American Cancer Society, Wicomico County Unit, PO Box 163, Salisbury, MD or the Multiple Sclerosis Society, Maryland Chapter, 207 Maryland Ave, Suite 4, Salisbury, MD 21801.



## Catherine Greci Fabricant

Catherine Greci Fabricant, the microbiology researcher whose 1970s animal-model studies in the College of Veterinary Medicine were among the first to link viruses with atherosclerotic heart disease, died Sept. 13 in the Reconstruction Home of Ithaca after a long illness. She was 81.

Acceptance by the research establishment of the viral hypothesis for human arterial disease was grudging, gradual but ultimately gratifying for Fabricant, who lived to see international symposia organized on the subject. And it all began with chickens.

"She was a real pioneer in the viral etiology for atherosclerosis. She discovered that a herpesvirus of chickens was the direct cause of atherosclerosis, and this stimulated similar studies in humans by a number of investigators," recalled Bruce W. Calnek, former chair of the Department of Avian and Aquatic Animal Medicine where Fabricant was a research associate and one of the world's leading experts on viral diseases of birds. "It was the kind of thing that -- had the work gone directly into humans -- wins Nobel Prizes. It was that major," said Calnek, the Steffen Professor Emeritus of Veterinary Medicine.

Fabricant's chicken experiments built on her discovery, as reported in the journal *Science* in 1973, that a previously undescribed herpesvirus caused urinary obstruction in cats. Moving to the chicken as an animal model in a Cornell department already distinguished for its work with avian diseases, Fabricant designed and carried out a simple but persuasive series of experiments:

But not everyone was persuaded, at a time when cholesterol was coming into favor as the principal and purportedly sole cause of atherosclerosis. "People like to focus on what's fashionable in research," Fabricant said 25 years later. "And people with little or no knowledge of virology did not want to give up pet theories, especially not to a woman!"

Fabricant, who had "only a master's degree," continued her research and eventually showed that chickens could be immunized against the virus to prevent arterial lesions as well as tumors.

The scientist without a Ph.D. or faculty rank worked under the aegis -- but certainly not in the shadow -- of her husband of more than 50 years Julius Fabricant, professor of avian medicine emeritus, who survives her. Born in Davoli, Italy, on Sept. 24, 1919, she emigrated at 15 months with her parents to Rochester, N.Y. She attended the College of Agriculture at Cornell, where she published her first scientific paper as an undergraduate and earned bachelor's and master's degrees in bacteriology.

She joined the research staff of the agriculture college, conducting studies and publishing numerous papers on the bacteria and viruses associated with animal diseases, and for several years taught the class Pathogenic Bacteriology. Then Fabricant took a 10-year sabbatical to bear and raise two children, who also survive her -- Barbara Fabricant of New Albany, Ind., and Daniel Fabricant of Melrose, Mass. -- before returning to Cornell and the College of Veterinary Medicine.

Fabricant retired in 1986, three years after researchers at Baylor College of Medicine reported evidence of cytomegalovirus (a widespread member of the herpesvirus family called CMV) in the fatty plaques of human patients with diseased arteries. Subsequent research at other medical schools has implicated CMV in unhealthy thickening of the linings of carotid arteries and proved that restenosis (rethickening of previously clogged arteries) is five times more likely in patients with CMV.

"People never realized the power of CMV," Fabricant observed in a 1997 interview, and that's a shame, she said. Even chickens these days are the beneficiaries of an anti-herpes vaccine that is widely used in the poultry industry.





**American Association of Avian Pathologists  
Schedule of Events  
Opryland Hotel and Convention Center, Nashville, Tennessee**

**FRIDAY, JULY 12**

8:00 AM-7:00 PM

Board of Directors Meeting

**SATURDAY, JULY 13**

8:00 AM-7:00 PM

Board of Directors Meeting

9:00 AM-6:30 PM

ACPV Exam

**SUNDAY, JULY 14**

7:00 AM-8:00 AM

Awards Committee

7:00 AM-9:00 AM

AAAP/AVMA Liaison Committee

7:30 AM-8:30 AM

Georgia MAM Alumni Group

7:30 AM-5:30 PM

Poster Session

**Convention Center**

Symposium

**Convention Center**

WVPA Congress Committee

9:00 AM-11:00 AM

12:00 PM-1:30 PM

California Alumni Group

12:15 PM-1:15 PM

Membership Committee

12:30 PM-1:30 PM

Avian Disease Manual Editorial Committee

3:00 PM-7:00 PM

ACPV Board Meeting

5:00 PM-6:30 PM

Long Range Planning Committee

5:00 PM-7:00 PM

Diseases of Poultry Editorial Board

5:30 PM-6:30 PM

Biologics Committee

**MONDAY, JULY 15**

7:00 AM-8:00 AM

Avian Diseases Editorial Board

7:00 AM-8:00 AM

Preceptorship Committee

7:00 AM-8:30 AM

History Committee

7:30 AM-5:30 PM

Poster Session

**Convention Center**

Scientific Program Session A

**Convention Center**

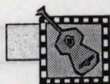
Scientific Program Session B

**Convention Center**

8:00 AM-5:00 PM

8:00 AM-5:00 PM



**Noon-2:00 PM**

2:00 PM-6:00 PM

5:00 PM-6:00 PM

5:00 PM-6:00 PM

6:00 PM-7:00 PM

6:00 PM-7:00 PM

**TUESDAY, JULY 16**

7:00 AM-8:00 AM

7:00 AM-8:30 AM

7:00 AM-9:00 AM

7:30 AM-5:30 PM

8:00 AM-5:00 PM

8:00 AM-5:00 PM

**10:30 AM-12:00 noon**

12:00 PM-1:00 PM

5:00 PM-6:00 PM

5:30 PM-7:00 PM

**WEDNESDAY, JULY 17**

7:00 AM-11:00 AM

7:30 AM-Noon

8:00 AM-Noon

8:00 AM-Noon

**AAAP Awards Luncheon**

ACPV Board Meeting

Enteric Diseases Committee

Tumor Virus Committee

Animal Welfare and Management Committee

Education Committee

Biotechnology Committee

Drugs and Therapeutics Committee

ACPV Reception

Poster Session

**Convention Center**

Scientific Program Session A

**Convention Center**

Scientific Program Session B

**Convention Center****AAAP BUSINESS MEETING****Convention Center**

Epidemiology Committee

Electronic Information Committee

Respiratory Diseases Committee

Board of Directors Meeting

Poster Session

**Convention Center**

Scientific Program Session A

**Convention Center**

Scientific Program Session B

**Convention Center**





## AAAP Symposium on Poultry Vaccines and Vaccination Practices

<b>I. General vaccinology and vaccine development</b>		
8:00	The role of vaccines in poultry management and disease prevention Non-immunological host factors affecting vaccination Genetics; nutrition; performance cost to vaccination	<i>Mark Cook, U. of Wisconsin</i>
8:30	The host response to vaccination Overview of B and T cell responses Which diseases depend primarily on one or the other? Conventional vaccines (live and killed) Antigen characteristics and delivery favoring B vs. T cell responses	<i>Jim Roth, ISU</i>
9:00	Cytokine responses What do we know; how might this affect future vaccine development?	<i>Michael Kogut, Texas A&amp;M</i>
9:20	Adjuvants	<i>Virgil Schijns, Intervet Netherlands</i>
9:40	<b>Discussion</b>	
9:50	<b>Break</b>	
10:15	Recombinant vaccines and DNA vaccines - Unfulfilled promises	<i>Robert Silva, ADOL</i>
10:30	<i>In ovo</i> technology - Future directions	<i>Jagdev Sharma, U. of Minnesota</i>
10:45	What the end user needs and expects from vaccines	<i>Spangler Klopp, Townsends, Inc.</i>
11:00	Licensing policy issues What are the roadblocks to licensure? Duration of immunity and response evaluation	<i>Tom Mickle, Merial Byron Rippke, CVB</i>
11:30	<b>Discussion</b>	
11:45	<b>Lunch</b>	
<b>II. Specific vaccines and vaccine use</b>		
	Vaccines against respiratory diseases	
1:00	Infectious bronchitis (future vaccines against multiple serotypes?)	<i>Mark Jackwood, UGA</i>
1:20	Infectious laryngotracheitis	<i>Calvin Keeler, UD</i>
	Vaccines against enteric diseases	
1:50	Coccidiosis (current control issues; future control strategies)	<i>David Chapman, UA</i>
2:10	Intestinal viruses of turkeys (PEMS, Coronavirus, Small round viruses, Hemorrhagic enteritis virus) - Problems and prospects	<i>Dave Halvorson, U. of Minnesota</i>
2:30	<b>Discussion</b>	
2:40	<b>Break</b>	
	Vaccines against multisystemic diseases	
3:10	Infectious bursal disease	<i>Mo Saif, OSU</i>
3:30	Fowl cholera (live vaccines)	<i>John Glisson, UGA</i>
3:50	<b>Discussion</b>	
4:00	Food safety vaccines Salmonella, Campylobacter, Listeria - Future approaches	<i>Roy Curtiss, Washington U., St Louis</i>
4:30	Wrap-up discussion	<i>Vergil Davis</i>
5:00	<b>Adjourn</b>	





## 2002 AAAP/AVMA SCIENTIFIC PROGRAM

	Monday, July 15, 2002 Session A	Monday, July 15, 2002 Session B
	<b>Moderator:</b>	<b>Moderator:</b>
8:00	Comparison of Neuraminidase length from avian influenza isolates from poultry and wild birds Suarez, David	Effect of prior serial <i>in vivo</i> passage on the frequency of deposition of <i>Salmonella</i> Enteritidis in eggs from experimentally infected laying hens Gast, Richard and Peter Holt
8:15	Evolution and relationship of recent H5 subtype avian influenza A viruses isolated in North America Lee, Chang-Won and David Suarez	Long-term characterization of Bacteriological and Isotype-specific Antibody Parameters in Chickens with early <i>Salmonella enterica</i> serovar enteritidis PT4 Infection Bautista, Daniel, R. Sheela, Subbiah Elankumaran, Wenxia Song and Robert Heckert
8:30	Analysis of the Avian Influenza Matrix Gene of North American Wild Waterfowl Isolates Spackman, Erica and David Suarez	Use of <i>sefA</i> fimbrial gene as a live recombinant vaccine against <i>Salmonella</i> Enteritidis in chickens Lopes, Vanessa, B Velaydhan, David Halvorson and K Nagaraja
8:45	Molecular relationships between avian influenza virus subtypes of H9N2 from Korea and highly pathogenic H5N1 from Hong Kong Kim, Min, Sun Cho, Hyuk Kwon, Eun Lee and Sun Kim	Induction of fimbriae – specific antibodies by a newly developed live <i>Salmonella</i> Enteritidis vaccine in poultry Barbour, Elie, Gida Banat, Rabih Talhouk, Faris Jirjis and Mohammad Farran
9:00	Immunohistochemical (IHC) Staining of Chorioallantoic Membrane for Evaluation of Monoclonal Antibodies to Avian Influenza Virus Weinstock, Daniel, Marlene Castro, Huagang Lu, Iris Wang and Anthony Castro	Live Attenuated and Killed <i>Salmonella</i> Vaccines Cause an Increase in Cell-mediated Immunity among Laying Hens Babu, Uma, Mashassi Okamura, Dennis Gaines, Michael Myers, Richard Raybourne, Hyun Lillehoj and Robert Heckert
9:15	Mucosal Delivery of Influenza Vaccine Protects Against Lethal Influenza A H5N1 Virus Infection Tumpey, Terrence and Darrell Kapczynski	Essentials of a Sustained SE-Risk Reduction Program – Review of 12 Years Program Implementation Optiz, H. Michael, Donald Hoenig and Sheila Foster
	Break 9:30 AM – 10:00AM	Break 9:30 AM – 10:00AM
	<b>Moderator:</b>	<b>Moderator:</b>
10:00	Application of a “DIVA” vaccination strategy for the control of avian influenza in Italy Capua, Ilaria, Giovanni Cattoli, Calogero Terregino and Stefano Marangon	Evaluation of <i>Salmonella</i> Serogroup Distributions from Commercial Broiler Houses Ruiz, Jaime, Karen Burns, John Schleifer, Douglas Waltman and Charles Hofacre
10:15	Development and Evaluation of a Challenge Model for Measuring Efficacy of Vaccines Against Mildly Pathogenic Avian Influenza Viruses Swayne, David, Terry Tumpey, Erica Spackman, David Suarez, Joan Beck and Stacey Schultz-Cherry	Identification of Risk Factors Associated with the Presence of <i>Salmonella</i> in Post-Chill Broilers Wills, Robert and Hartford Bailey
10:30	Avian Influenza in Retrospect – A Look at Three Epidemics Kradel, David	Characterization of <i>Salmonella</i> from Poultry Operations Liljebjelke, Karen, Marie Maier, Tongrui Liu, David White, Charles Hofacre and John Maurer
10:45	Measures of Pathogenicity for the Pigeon Paramyxovirus Type 1 (PPMV-1) Panigrahy, Brundaban, Dennis Senne and Janice Pedersen	<i>Campylobacter</i> infection of young turkeys Barnes, H. John, Sophia Kathariou, Jean-Pierre Vaillancourt, Shannon Kozlowski and Jason Hartsell
11:00	Biological and molecular characterization of recent Newcastle disease virus isolates before and after passage in chickens King, Daniel, Glaucia Kommers, Bruce Seal and Corrie Brown	Possible Impact of <i>Campylobacter</i> Colonization in Commercial Turkeys Reimers, Nancy, Katy Smith and Sophia Kathariou
11:15	Protection study of NDV in broilers with two commercial vaccines containing VS-GA and PHY.LMV.42 strains Alba, Monica, Eliana Icochea, Rosa Gonzalez and Branco Alva	Factors affecting the emergence of quinolone-resistant <i>Campylobacter</i> in poultry Zhang, Qijing and Naidan Luo





	Monday, July 15, 2002 <i>cont'd</i> Session A	Monday, July 15, 2002 <i>cont'd</i> Session B
	AAAP Awards Luncheon 11:30 AM – 2:00 PM	AAAP Awards Luncheon 11:30 AM – 2:00 PM
	<b>Moderator:</b>	<b>Moderator:</b>
2:00	<b>Molecular Detection and Differentiation of Muscovy Duck and Goose Parvoviruses</b> Pedersen, Janice, Dennis Senne and Brundaban Panigrahy	<b>Hypoglycemia-Spiking Mortality Syndrome: An Update</b> Davis, James, J. Doman and A. Castro
2:15	Reed Rumsey	<b>The Use of Plant Derived Antigens for Poultry Vaccines</b> Reynolds, Don and Sevinc Akinc
2:30	Reed Rumsey	<b>Diseases of quail observed in the Alabama State diagnostic laboratories: 1996-2001</b> Hoerr, Frederic, Susan Lockaby, Robert Matthews, Tami Kelly, Francene Van Sambeek and Joel Cline
	<b>Break</b> 2:45 PM – 3:00PM	<b>Break</b> 2:45 PM – 3:30PM
	<b>Moderator:</b>	<b>Moderator:</b>
3:00	<b><i>In vitro</i> cultivation of pigeon circovirus</b> Cardona, Carol and Vanessa Voegtly	<b>Association of <i>Pasteurella Multocida</i> Transmission via Artificial Insemination in Turkeys</b> Morishita, Teresa, Elisabeth Angrick and John Rule
3:15	<b>Impairment of cytotoxic T lymphocyte development by chicken infectious anemia virus correlates with increased viral load and altered cytokine transcript levels</b> Schat, Karel and Carrie Markowski-Grimsrud	<b>Epidemiology of Fowl Cholera in Georgia</b> Zavala, Guillermo, Louise Dufour-Zavala and Douglas Waltman
3:30	<b>Clinical and molecular characterization of chicken anemia virus isolates obtained from commercial broiler farms</b> Banda, Alejandro, Pedro Villegas, John El-Attrache and Corrie Brown	<b>Preliminary evaluation of a killed polyvalent fowl cholera vaccine in Kestrels</b> Wakenell, Patricia, Bill Ferrier and Brian Evans
3:45	<b>Chicken Infectious Anemia Virus (CIAV): Detection of Virus and Antibodies in Commercial Broilers</b> Sommer, Franz, Carol Cardona and Bruce Charlton	<b>Histomoniasis in Turkeys – A reemerging disease?</b> Shivaprasad, H. L., G. Senties-Cue, R. Chin, R. Crespo and B. Charlton
4:00	<b>Summary of Industry Reovirus Survey</b> Cummings, Timothy	<b>Systemic Histomoniasis in Commercial Turkeys</b> Senties-Cue, Gabriel, H. L. Shivaprasad and Richard Chin
4:15	<b>Characterization of Pathogenic Reoviruses Isolated from Broilers and Breeders in the Southeastern United States</b> Rosenberger, John and Sandra Cloud	<b>The DOA – A Study in Maximum Inefficiency</b> Opengart, Kenneth
4:30	<b>Microscopic lesions produced by recent isolates of Infectious Laryngotracheitis Virus from Northeast Georgia in chickens and chicken embryos</b> Brown, Tom and Mary Pantin	<b>Assessment of a multimedia turkey carcass trimming training program</b> Martinez, Algis, Jean-Pierre Vaillancourt and Eric Gonder
4:45	<b>Response to Challenge of Four Michigan Infectious Laryngotracheitis Virus Isolates</b> Fulton, Richard, Roger Maes and Cunqin Han	<b>Interpretation of ELISA titers for Georgia broilers, broiler breeders and commercial layers</b> Dufour-Zavala, Louise
5:00	<b>Adjourn</b>	<b>Adjourn</b>
	Tuesday, July 16, 2002 Session A	Tuesday, July 16, 2002 Session B
	<b>Moderator:</b>	<b>Moderator:</b>
8:00	<b>Marek's disease virus in turkeys: Experimental infection and a case report from France</b> Miles, Andrea, H. John Barnes, Jeremy Pittman and Jean-Luc Guerin	<b>Avian pneumovirus (APV) RNA isolated from seagulls shows genetic homology with RNA from APV isolates from domestic turkeys</b> Velayudhan, Binu, Vanessa Lopes, David Halvorson and Kakambi Nagaraja
8:15	<b>Persistence of Marek's disease virus in feather tips and spleens of chickens as detected by PCR</b> Spencer, J. Lloyd and Maria Chan	<b>Effect of age of turkeys on susceptibility to avian pneumovirus-induced disease and mitogenic inhibition</b> Gerbyshak-Szudy, Heather, Hayet Abbassi and Jagdev Sharma



	Tuesday, July 16, 2002 <i>cont'd.</i> Session A	Tuesday, July 16, 2002 <i>cont'd.</i> Session B
8:30	<b>Examination of Pathogenicity and Vertical Transmission of Herpesvirus in Japanese Quail</b> Link, Donald, Patricia Wakenell and Karel Schat	<b>Development and Evaluation of a Competitive ELISA for the Detection of Avian Pneumovirus Antibodies in Various Avian Species</b> Turpin, Elizabeth and David Swayne
8:45	<b>Mutagenesis and <i>in vivo</i> studies of Marek's Disease virus encoded Interleukine-8 like gene (vIL8)</b> Cui, Xiaoping, Lucy Lee, Isabel Gimeno, Willie Reed and Sanjay Reddy	<b>Role of local cellular immunity in protection against respiratory challenge with avian pneumovirus</b> Chary, Parag, Mathur Kannan and Jagdev Sharma
9:00	<b>Role of Marek's disease virus pp38 gene in pathogenesis</b> Reddy, Sanjay, Isabel Gimeno and Lucy Lee	<b>Avian Pneumovirus Disease (APV) Outbreaks in Turkeys in the Midwest: A Field Prospective</b> Medina, Hugo
9:15	<b>Role of 1.8 kb mRNA Family of Transcripts in Marek's Disease Virus Pathogenesis</b> Silva, Robert, Blanca Lupiani and Sanjay Reddy	<b>Evaluation of a wild bird avian pneumovirus isolate as a vaccine candidate</b> Halvorson, David, Richard Bennett, Moses Njenga and Kakambi Nagaraja
	<b>Break</b> 9:30 AM – 10:00 AM	<b>Break</b> 9:30 AM – 10:00 AM
	<b>Moderator:</b> <i>Hiram N. Lasher History Paper</i>	<b>Moderator:</b>
10:00	<b>History of Biological Control of Poultry Diseases in the U.S.</b> Hitchner, Stephen	
10:15		
	<b>Business Meeting</b> 10:30 AM – 12:00 Noon <b>Lunch</b> 12:00 Noon – 1:00 PM	<b>Business Meeting</b> 10:30 AM – 12:00 Noon <b>Lunch</b> 12:00 Noon – 1:00 PM
	<b>Moderator:</b>	<b>Moderator:</b>
1:00	<b>Immunologic tolerance in chickens hatching from eggs injected with cell-associated turkey herpesvirus (HVT)</b> Sharma, Jagdev and Yugen Zhang	<b>A comparison of diagnostic tests performed on brooding age poult and designed to identify PEMS agents</b> Kozlowicz, Shannon, Jean-Pierre Vaillancourt and H. John Barnes
1:15	<b>Immunological features of the serotype 1 Marek's Disease virus vaccines</b> Gimeno, Isabel, Richard Witter, Henry Hunt and Willie Reed	<b>Brooding performances in 43 turkey flocks depending on diagnostic results from tests developed for PEMS related agents</b> Vaillancourt, Jean-Pierre, John Barnes, Stacey Schultz-Cherry, Mo Saif, Tom Hooper, Jim Guy, Shannon Kozlowicz, Jason Hartsell, Nancy Reimers, Marion Garcia and David Rives
1:30	<b>Influence of B-haplotype on the efficacy of recombinant fowlpox vaccine protection against Marek's disease</b> Lee, Lucy, Larry Bacon and Richard Witter	<b>Use of a Human Cell Line to Induce Helper Virus-Free Replication of Avian Adeno Associated Virus</b> Estevez, Carlos, Pedro Villegas and John El-Attrache
1:45	<b>Development of new attenuated serotype 1 vaccines with improved efficacy against Marek's disease through cell culture passage, chicken backpassage, and retroviral insertion</b> Witter, Richard	<b>Stimulation of the innate immune system of broilers with DNA oligonucleotides containing CpG motifs (CpG DNA)</b> Gomis, Susantha, Dale Godson, Lorne Babiuk, Brenda Allan, Rolf Hecker and Andrew Potter
2:00	<b>Localization and profiling of reticuloendotheliosis virus (REV) protein/s in cultures infected with REV integrated fowlpox virus (Rev-FPV) strains</b> Tadese, Theodros and Willie Reed	<b>Effect of selected nutritional deficiencies on immune function</b> Sander, Jean, Chieh-Fu Chen and I-Hsin Cheng
2:15	<b>Epidemiology of RNA Tumor Viruses</b> Zavala, Guillermo and Louise Dufour-Zavala	<b>Dactylariasis in broiler chickens</b> Van Sambeek, Francene, Susan Lockaby and Burton Maxfield
	<b>Break</b> 2:30 PM – 3:00 PM	<b>Break</b> 2:30 PM – 3:00 PM





	Tuesday, July 16, 2002 <i>cont'd.</i> Session A	Tuesday, July 16, 2002 <i>cont'd.</i> Session B
	<b>Moderator:</b>	<b>Moderator:</b>
3:00	<b>Molecular and biological characterization of naturally occurring recombinant avian leukosis (ALV) isolated from egg-type chickens suffering from myeloid leukosis</b> Lupiani, Blanca, Arun Pandiri, Henry Hunt, Willie Reed and Aly Fadly	<b><i>Mycoplasma gallisepticum</i> in Commercial Layers in Pennsylvania</b> Davison, Sherrill, Stanley Kleven, Eric Gingerich and Robert Eckroade
3:15	<b>Quantitation of viral RNA and proviral DNA levels of Subgroup J Avian Leukosis Virus (ALV J) by real time RT-PCR and PCR</b> Pandiri, Arun, Blanca Lupiani, Willie Reed and Aly Fadly	<b>Presence of Pathogenic Mycoplasmas in free flying visitor birds from commercial layer farms in the South Peruvian Coastal area (Chincha)</b> Noe, Norma, Eliana Icochea, Monica Alba, Rosa Gonzalez, Mirtha Roque and Sharon Levisohn
3:30	<b>The design and evaluation of antisense oligomers as potential inhibitors of avian leukosis virus replication</b> El-Attrache, John, Pedro Villegas, Scott Callison and Alejandro Banda	<b>Diagnosis of Mycoplasma infections in Colorado (1999 to present)</b> Woo-Ming, Brian, David Ley and Sile Huyen
3:45	<b>Studies of subgroup J avian leukosis virus infection and tumors in a naturally infected commercial broiler breeder flock</b> Dybing, Jody, Arun Pandiri, Larry Bacon and Aly Fadly	<b>A House Finch-like <i>Mycoplasma gallisepticum</i> outbreak in a Midwest turkey company</b> Hermes, David and Michael Kopp
4:00	<b>Response of chickens from three commercial broiler breeders and two experimental lines to infection with a field strain of subgroup J avian leukosis virus</b> Fadly, Aly, Jody Dybing and Arun Pandiri	<b>The Characterization of a Naturally Occurring <i>Mycoplasma gallisepticum</i> House Finch-like strain from Commercial Turkeys</b> Ferguson, Naola, David Hermes, Victoria Leiting and Stanley Kleven
4:15	<b>Effects of injecting ALV-J antiserum in embryonating broiler eggs on localization of ALV-J in the tissues of broiler chickens infected <i>In Ovo</i></b> Gharaibeh, Saad and Tom Brown	<b>A Preliminary Investigation of a <i>Mycoplasma gallisepticum</i> House Finch-like strain as a Vaccine in Turkeys</b> Ferguson, Naola, Victoria Leiting and Stanley Kleven
4:30	<b>Incidence of Cancer in Layer Hens and Effects on Egg Production</b> Alban-Martinez, Gina, Donna Carver and H. John Barnes	<b>Sequencing as <i>iss</i>-containing Fragment from a Conjugative R Plasmid of an Avian <i>Escherichia coli</i> Isolate</b> Johnson, Timothy, Shelley Horne, Catherine Giddings and Lisa Nolan
4:45	<b>Mortality Patterns and Etiologies in Geriatric Laying Hens</b> Carver, Donna, Gina Alban-Martinez and H. John Barnes	<b>Production of Monoclonal Antibodies Against Avian <i>Escherichia coli</i> <i>Iss</i></b> Lynne, Aaron, Shelley Horne, Steven Foley and Lisa Nolan
5:00	Adjourn	Adjourn
	Wednesday, July 17, 2002 Session A	Wednesday, July 17, 2002 Session B
	<b>Moderator:</b>	<b>Moderator:</b>
8:00	<b>Adaptation of virulent serotype I Infectious Bursal Disease Virus to avian macrophages</b> Abbassi, Hayet, Heather Gerbyshak-Szudy, Hung Yeh and Jagdev Sharma	<b>Chick Length Uniformity Profiles as a Field Measurement of Chick Quality?</b> Hill, Donna
8:15	<b>A possible new serotype 1 variant of infectious bursal disease virus from Korea</b> Kim, Sun, Hyuk Kwon, Sun Cho, Eun Lee and Min Kim	<b>Innovations of in ovo technology</b> Quiroz, Marco, Rafael Correa, William Samson and Erich Bevenssee
8:30	<b>Identification of a variant IBDV strain that behaves clinically as a classic using histopathology, PCR, and monoclonal antibodies in commercial broilers in Peru</b> Contreras, Manual, Luis Alzamora, Stephanie Mengel Whereat and Fernandez Rafael	<b>Comparison of In Ovo and Post-hatch Injection of Gentamicin Sulfate in Turkey Poults</b> Rives, David
8:45	<b>Mild, intermediate and virulent strains of Infectious Bursal Disease Virus differ in their ability to modulate the immune system</b> Rautenschlein, Silke, Huang-Yueh Yeh and Jagdev Sharma	<b>Experiences Raising Commercial Chickens without the Use of Conventional Antimicrobial Interventions</b> Klopp, Spangler



	Wednesday, July 17, 2002 <i>cont'd.</i> Session A	Wednesday, July 17, 2002 <i>cont'd.</i> Session B
9:00	<b>The effect of subclinical Infectious Bursal Disease Virus on iron, copper, and zinc levels in organs during the acute phase response</b> Blackmore, Craig, Patricia Wakenell, Kirk Klasing and Donald Link	<b>Drug Free Chemical Free Broiler Production – Is It Commercially Feasible?</b> Bahl, Arun and Nino Sorgente
9:15	<b>Investigation of Sub-clinical Infectious Bursal Disease in Broiler Farms with a History of Production and Disease Problems</b> Tablante, Nathaniel, Daniel Bautista, Fidelis Hegngi, Conrad Pope and Chinta Lamichhane	<b>The Effects of Poultry Production Units on the Air Quality of Local Environments</b> Davis, Meredith and Teresa Morishita
	<b>Break</b> 9:30 AM – 10:00 AM	<b>Break</b> 9:30 AM – 9:45 AM
	<b>Moderator:</b>	<b>Moderator:</b>
10:00	<b>Analysis of an Infectious Bursal Disease gene expressed by a Herpesvirus vector</b> Moore, Kristi, Yoshinari Tsuzaki, David Hout, Motoyuki Esaki and Joan Leonard	<b>Molecular biological tools for routine diagnosis and further characterization of avian poxviruses</b> Hafez, Hafez, Torge Hoffman and D. Luschow
10:15	<b>Recombinant, attenuated IBDV vaccine protects against classic and variant strains</b> Liu, Meihong, Meggin Brandt, Yi Liu, Gerard Edwards and Vikram Vakharia	<b>Diagnosis and Characterization of Avianpox Viruses from Wild Birds</b> Tripathy, Deoki and T-J Kim
10:30	<b>DNA vaccination against classical and variant Infectious Bursal Disease virus in chickens</b> Wu, Ching Ching, Tsang Long Lin, Hua Chen Chang, Ming Klin Hsieh	<b>A review of <i>Eimeria mivati</i> – Edgar and Seibold</b> Fitz-Coy, Steve, Mike Eckman and Robert Brewer
10:45	<b>Site-Directed Mutagenesis of <i>in vitro</i> Expressed IBV Spike Glycoproteins in an Avian Cell Line</b> Wade, Emma, Mark Jackwood and Deborah Hilt	<b>DNA Vaccination strategy against avian coccidiosis</b> Lillehoj, Hyun and Wongi Min
11:00	<b>Recognition of a unique, widely-disseminated infectious bronchitis virus genotype in North America; Implications for understanding spread of the disease</b> Gelb, Jr., Jack, Brian Ladman, Peter Woolcock, Frederic Hoerr, Kalen Cookson, Darrell Trampel, Andre Ziegler and Brian Binnington	<b>A comparison of Coccivac-B to an Anticoccidial Program on Pigmentation of Broiler Chickens</b> Mathis, Greg and Charles Broussard
11:15	<b>Infectious Bronchitis Virus – the “Cal 99” strain</b> Woolcock, Peter, Sharon Hietala, Liu-Mei Shih and Michael McFarland	<b>Multifocal necrotic duodenitis: a novel disease of commercial laying hens</b> Wallner-Pendleton, Eva, Eric Gingerich, Robert Norton, Patricia Dunn and David Kradel
11:30	<b><i>In-Ovo</i> Vaccination for IBV Using DNA Vaccine. A Preliminary Study.</b> Khan, Mazhar, Jaroslaw Fabis and Ted Grishick	<b>Enteritis of clostridial etiology in cage layers with high fly population</b> Dhillon, A. Singh, L. H. Lauerma, Dennis Schaberg, Daina Bandli and Sylvia Johnson
11:45	<b>Adjourn</b>	<b>Adjourn</b>





# POSTER PROGRAM

1. **The impact of the 1999-2001 Italian Avian influenza epidemic on the diagnostic laboratory**  
Capua, Ilaria and Marilena Campisi Lo Schiavo
2. **A Plasmid-based reverse genetics system for avian influenza virus**  
Lee, Change-Won and David Suarez
3. **Safety of Ketamine – Xylazine Mixture for Anaesthesia of some free living and caged birds**  
Nassef, Mahmoud and Salah Mousa
4. **Evaluation of Growth Enhancement Antibiotics and Possible Alternatives in Broiler Diets**  
Cherry, Tim and Copie Roberts
5. **Tracking the Claim "If there's one sick bird the Entire Flock is Treated"**  
Gonder, Eric
6. **Comparison of Antimicrobial Susceptibility Patterns in the same E. coli from field cases taken from blood agar plates versus MacConkey agar plates**  
Luna, G. Lynne, Danny Magee, Sue Ann Hubbard, C. Reagan Sadler, Tim Cummings and Melissa Thornton
7. **Vertical Transmission of Campylobacter Species in Commercial Broiler Chickens**  
Idris, Umelaalim, Margie Lee, Susan Sanchez, Charles Hofacre and Harold Barnhart
8. **A Real-Time Quantitative PCR (qPCR)-Based Serum Neutralization Test for Detection and Titration of Neutralizing Antibodies to Chicken Anemia Virus (CAV)**  
van Santen, Vicky, Bernhard Kaltenboeck, Kenneth Macklin and Robert Norton
9. **Generation of infectious clones of chicken anemia virus (CAV) directly from clinical specimens by PCR**  
van Santen, Vicky
10. **Pathological Manifestations of Pasteurella Multocida Infection in Broiler Chickens**  
Aly, Mohammed and Salah Mousa
11. **Dietary modulation of host protective immunity against avian coccidiosis**  
Lillehoj, Hyun, Rami Dalloul and John Doerr
12. **Coronavirus in Turkeys; are they Turkey Coronavirus or Infectious Bronchitis Virus**  
Jackwood, Mark, Mary Pantin-Jackwood and Deborah Hilt
13. **Complement Resistance, as determined by Flow Cytometry, of Avian Escherichia coli Isolates**  
Nolan, Lisa, Catherine Giddings and Shelley Horne
14. **Development of a Multiplex PCR Protocol to Discern Virulent from Avirulent Avian Escherichia coli**  
Skyberg, Jerod, Shelley Horne, Catherine Giddings, Curt Doetkott, Richard Wooley, Penelope Gibbs and Lisa Nolan
15. **Educating Service Technicians through Poultry Workshops**  
Hubbard, Sue and Danny Magee
16. **A Web-based Biosecurity Training Course for the Poultry Industry**  
Tablante, Nathaniel and Mark Varner
17. **Characterization of Anaerobic Bacteria Associated with Duodenal Ulcers in Commercial Laying Hens**  
Norton, Robert, Eva Wallner-Pendleton, Eric Gingerich, Paul Patterson, David Kradel and Patricia Dunn
18. **The effects of Tetratrichomonas gallinarum infection in turkeys**  
Bermudez, Alex and Yvette Broomhead
19. **Role of CPD-Photolyase, and Acidic-Type Inclusion Body Protein in Maintaining the Infectivity and Environmental Persistence of Fowlpox Virus**  
Srinivasan, Viswanathan, William Schnitzlein, Tae-Joong Kim and Deoki Tripathy



20. **Genetic Approaches Toward Characterization of Avian Poxviruses**  
Kim, Tae-Joong, William Schnitzlein and Deoki Tripathy
21. **Evaluation of a recombinant vaccine for protection against fowlpox in chickens**  
Singh, Pratik, William Schnitzlein and Deoki Tripathy
22. **Field Evaluation of a Novel Bivalent Vaccine against Infectious Bursal Disease (IBD) and Newcastle Disease (ND) by mixing viruses and antibodies contained in hyperimmune egg yolk**  
Mousa, Salah
23. **Identification of Multiple Genetic Infectious Bursal Disease Virus Populations (Quasispecies) in Commercial Vaccines Following Plaque Purification**  
Spalding, Bethany and Daral Jackwood
24. **Genetic changes of infectious bursal disease virus passaged in Vero cells**  
Kwon, Hyuk Moo and Soo Joung Kim
25. **Proventriculitis in Broiler Chickens: Effects of Immunosuppression**  
Pantin-Jackwood, Mary and Tom Brown
26. **Genetic variations of avian infectious bronchitis virus isolates in Japan**  
Lin, Zhifeng
27. **Comparison of the molecular typing of infectious bronchitis virus variants by the restriction fragment length polymorphism assay and phylogenetic analysis of S1 protein gene**  
Li, Lanqing, Michael Luther and Frederic Hoerr
28. **Gene 5 in turkey coronavirus closely related to that of avian infectious bronchitis virus**  
Lin, Tsang Long, Ching Ching Wu, Chien Chang Loa, Aydemir Akin, Herbert Thacker, Thomas Bryan and Tom Hooper
29. **Protection and Productive Parameters in Broilers Using Two Infectious Bronchitis Commercial Vaccines**  
Icochea, Eliana, Monica Alba, Rocio Turin, Rosa Gonzalez and Branco Alva
30. **Evaluation of the Possible Immunological Function of the Chicken Crop (Ingluvies)**  
Vaughn, Lara, Peter Holt, Kelly Crowdis, Kun-Ho Seo and Richard Gast
31. **Effect of Prior Exposure on Immunologic Response and Cellulitis Lesion Formation in UCD 003 Chickens**  
Jeffrey, Joan, K. Tonooka, C. Van Worth and E. Walton
32. **Case Report: Impact of Electrical Wiring on Broiler Breeder Egg Production**  
Magee, Danny and Sue Ann Hubbard
33. **Determining the etiology of unusual tumors in chickens; a case report**  
Miles, Andrea, Jeremy Pittman, H. John Barnes, Isabel Gimeno, Aly Fadly and Richard Witter
34. **Lead Contamination of Eggs**  
Trampel, Darrell, Paul Imerman, Thomas Carson, Julie Kinker, Steve Ensley and Richard Evans
35. **Case Report: Vitamin A Deficiency in Bobwhite Quail**  
Lockaby, Susan, Frederic Hoerr and Francene Van Sambeek
36. **Modified PCR for Sexing Monomorphic Psittacines**  
Lauerman, Lloyd and A. S. Dhillon
37. **Blindness in Broiler chicks due to Retinal Dysplasia**  
Shivaprasad, H. L.
38. **Comparison of the Enzyme Linked Immunosorbent Assay for the detection of Antibody to Newcastle Disease between commercial flocks and non-commercial chickens raised in the backyard of poor families from Argentina**  
Buscaglia, Celina, Veronica Prio and Miguel Risso





39. **Development of an inactivated Newcastle disease virosome vaccine that protects against challenge from velogenic Texas GB**  
Kapczynski, Darrell and Terry Tumpey
40. **Persistence of Avian Pneumovirus in turkeys post-exposure and length of immunity**  
Nagaraja, Kakambi, Hyun-Jin Shin, Moses Njenga, David Halvorson and Binu Velayuden
41. **Sequential pathogenesis of experimentally produced infectious proventriculitis: microscopic and ultrastructural changes**  
Guy, James and John Barnes
42. **Reo-virus Infections in Broilers in Upper Egypt**  
Seif-Edin, Mostafa and Salah Mousa
43. **Sequence analysis of the S3 gene from a novel turkey reovirus**  
Sellers, Holly, Stacey Schultz-Cherry, Valrie Simmons, and Darrell R. Kapczynski
44. **Case Report: Reovirus Outbreak in Mississippi**  
Magee, Danny, Sue Ann Hubbard, Tim Cummings, Roy Montgomery and William Martin
45. **A Review of Poultry Diseases of Diagnostic Findings in North Alabama**  
Kelly, Tami
46. **Resistance Pattern of Salmonella and E. coli strains isolated from poultry**  
Mousa, Heba and Salah Mousa
47. **Cellular immune responses to *Salmonella enteritidis* vaccination**  
Lillehoj, Hyun, Masashi Okamura, Uma Babu, Richard Raybourne and Robert Heckert
48. **Reducing Infectious Process (Cellulitis) and Scabby Hip in Broilers using Novatek's Microwave Claw processor in the Hatchery**  
Bishop, Randall
49. **Effect of Formaldehyde Usage on In-Ovo Injected Eggs**  
Throne Steinlage, Sara, Jean Sander and Jeanna Wilson
50. **Oxytetracycline Water Soluble Products: Comparison of Several Characteristics for Various Commercial Products**  
Clark, Steven and Bob Kempa
51. **Microbiological challenges of commercial turkey flocks and methods of control**  
Karunakaran, Daniel and Thomas Rehberger

Do you like to talk to people about what you do? Or explain why Poultry Medicine/ Research is the Greatest Job as a veterinarian? Would you like to help AAAP gain new members? If you answered "Yes" to any of these questions, think about volunteering two hours of your time at the BOSTON AVMA/AAAP meeting at the AAAP Booth in the exhibit hall during the conference. If you are interested please contact Dr. Susan Williams at (517) 355-6760 or by email at [williams@ahdl.msu.edu](mailto:williams@ahdl.msu.edu) for details. Thanks from the Membership Committee.





## AVMA: Why you should be a member

AVMA serves as the umbrella organization for all veterinarians. Since 1863, AVMA has served as the basic structure of organized veterinary medicine in the U.S. It coordinates and balances the needs of smaller groups like allied organizations such as AAAP, state veterinary medical associations, special interest groups, and specialties. It provides a forum for discussion and compromise among special interests at the Annual Convention, House of Delegates and Info Assembly (our representatives are Dr. Mo Saif and Dr. Gregg Cutler) and representation on Councils and Committees. We have various members on committees ranging from AVMA Legislative Advisory Committee to Food Safety to Biologics and Therapeutic Agents. See your 2001-2002 AAAP Committee list under AVMA Liaison Committee for AAAP members involved in AVMA. The AVMA also establishes positions that best represent the profession—induced molting discussion and proposal were hot topics last summer in Salt Lake City. Be on the look out for more discussion as the topic will be revisited in the future.

What does AVMA provide directly to you the veterinarian? A subscription to JAVMA or AJVR, health insurance for you and your family, professional liability insurance for those AAAP members that aren't covered through their employment, AVMA network online (avma.org) TIAA CREF Mutual Funds, AVMA Master Card, Membership directory, and Career development services.

AVMA speaks for you as one voice in Washington DC. Approximately 82% of veterinarians are AVMA members. Washington DC hot topics include interstate commerce, minor use/minor species drug use, antimicrobial resistance, public health, food animal safety and foreign animal diseases.

If you are a veterinarian and not an AVMA member yet, please join the AVMA so that our interests are represented at the House of Delegates. We must have a certain minimum number of AVMA members in AAAP to remain as an allied group. Without you, poultry medicine would not be represented and discussions on forced molting or other concerns like EU changes would lack our input and perhaps not represent us at all.

Please take the time to join the AVMA now and help our voice be heard.







**5th International Symposium on Avian Influenza** - To be held in Athens, Georgia, USA, 14-17 April 2002. The 5th

International Symposium on Avian Influenza will be held at the University of Georgia Center for Continuing Education, Athens, Georgia, USA, on 14-17 April 2002. Oral and poster presentations will cover pathobiology, virus reservoirs and ecology, molecular basis of virulence, vaccines and diagnostics, phylogenetics and molecular epidemiology, risk assessment, national and international control strategies, updates on recent highly pathogenic avian influenza outbreaks and impact on human health. Information on conference registration and Call-for-Papers will be mailed in the second announcement in September, 2001. Request for additional information and inclusion in mailings of registration materials contact: Dr. D.E. Swayne. USDA-ARS, Southeast Poultry Research Laboratory, 934 College Station Road, Athens, Georgia 30605 USA. Phone: 706-546-3433; FAX 706-546-3161; E-mail: [AI.symposium@seprl.usda.gov](mailto:AI.symposium@seprl.usda.gov). Website: <http://seprl.ars.usda.gov/avian.influenza.symposium.htm>

**51st Western Poultry Disease Conference/XXVII Convencion Anual ANECA** - To be held May 1-4, 2002 in Puerto Vallarta Mexico. For more information, contact Dr. Barbara Daft, Program Chair, CAHFS-San Bernardino, 105 West Central Ave, San Bernardino, CA 92408. Phone 909-383-4287. Fax 909-884-5980. E-mail [bmdaft@ucdavis.edu](mailto:bmdaft@ucdavis.edu). Or Dr. Rich Chin, Secretary-Treasurer, CAHFS-Fresno, 2789 S. Orange Ave, Fresno, CA 93725. Phone 559-498-7740. Fax 559-485-8097. E-mail [rpchin@ucdavis.edu](mailto:rpchin@ucdavis.edu).

**Poultry Health Management Schools**—To be held May 6-11, 2002 in Columbus, Ohio. Broiler, Layer and Turkey Management Schools designed for individuals working in the poultry industry. For more information: <http://prevmed.vet.ohio-state.edu/conferences/poultrywebpage.htm> or contact Meredith Davis; phone (614) 292-1206. Fax (614) 292-4142. E-mail [davis.1630@osu.edu](mailto:davis.1630@osu.edu).

**4th International Symposium on Turkey diseases** - To be held May 15-18, 2002 in Berlin, Germany.

The German Veterinary Medicine Society with the Institute of Poultry Disease, Faculty of Veterinary Medicine, Free University Berlin and the German branch of World Poultry Veterinary Association are planning to hold the 4th International Symposium on Turkey Diseases. The program will cover:

1. Respiratory disease complex
2. Intestinal disorder
3. Immunity in turkey
4. Turkey meat and consumer protection
5. Animal welfare

Presentations (15 min) should deal with one of the main topics of the symposium and cover new research data or recent field observations. The official language is English. Simultaneous translation will not be available.

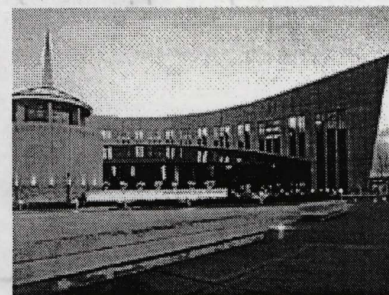
For more information, please contact Dr. Hafez Mohamed Hafez, Inst of Poultry Diseases, Free University of Berlin, Koserstr 21, 14195 Berlin, Germany. Phone 0049-30-8385 3862. Fax 0049-30-8385 5824. E-mail [hafez@zedat.fu-berlin.de](mailto:hafez@zedat.fu-berlin.de).

**74th Northeastern Conference on Avian Diseases**—To be held June 4-6, 2002 at the Best Western Sovereign Hotel in Mystic, CT.

Program guest speakers - Avian Mycoplasmas, Dr. Janet Bradbury; Avian Hemophilus, Dr. Pat Blackall; Avian Influenza, Dr. Dennis Senne; Pneumovirus, Dr. K. D. Nagaraja; Infectious Bronchitis, Speaker to be determined.

For additional information please contact Dr. Mazhar Khan, Department of Pathobiology and Veterinary Science University of Connecticut, 61 North Eagleville Road. Storrs, CT 06268-3089. Phone 860-486-0228, 486-4000 or Email: [mazhar.khan@uconn.edu](mailto:mazhar.khan@uconn.edu)

**The American Association of Zoo Veterinarians Annual Conference** - To be held October 6-10, 2002 in Milwaukee, WI. Program sessions include Reptiles and Amphibians, Avian Medicine, Hoofstock, Carnivores, Primates, Case Reports, Aquatic Animals, Pathology, Conservation Medicine, Emerging Diseases, Reproduction and Contraception, Behavior, Enrichment and Conditioning, and Biomaterial Banking. For more information, please visit the website [www.aazv.org](http://www.aazv.org) or contact Randy Junge, DVM, St. Louis Zoo, Forest Park, St. Louis, MO 63110. Phone (314) 768-5487. Fax (314) 768-5454. E-mail: [rejunge@aol.com](mailto:rejunge@aol.com).







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**Vacancy Announcement**  
**DEPARTMENT OF AGRICULTURE (USDA)**  
**USDA, ANIMAL & PLANT HEALTH INSPECTION SRVC**

**Opening Date:** 01/29/2002    **Closing Date:** 03/04/2002  
**Position:** VETERINARY MEDICAL OFFICER - GS-0701-12 /13  
**Salary:** \$57,568 - \$88,991 per year    **Promotion Potential:** GS-13  
**Duty Location:** 1 vacancy at ORIENT POINT, NY

**\*\*\*Case Exam announcement\*\*\***

GS-12 Salary Table \$57,568-\$74,835 (includes a 15.23% locality pay), GS-13 Salary Table \$68,457-\$88,991 (includes a 15.23% locality pay)

**\*\*Applicants with Federal Status may apply under Merit Promotion announcement number 6-87-293-2\*\***

**\*\*Drug testing is required for this position\*\*      \*\*Boat travel is required for this position\***

**WHO MAY APPLY:**

Open to all qualified persons.

**MAJOR DUTIES:**

This position may be filled as a 12/13 multi-grade career ladder. Attached responsibilities are for the full performance level. At developmental grade levels, assignments will be of a more limited scope, performed with less independence, and may reflect limited complexity and personal contacts. At developmental levels, incumbent will be acquiring the background necessary to function at the full performance level.

This position is located in the Diagnostic Services Section of the Foreign Animal Disease Diagnostic Laboratory (FADDL) of the National Veterinary Services Laboratories (NVSL) which operations as part of the Plum Island Animal Center (PIADC).

The incumbent is a recognized agency technical authority in the diagnosis of foreign or emerging animal diseases under APHIS-Veterinary Services (VS) mission of preventing the introduction or establishment of foreign animal diseases (approximately 40 significant chronic or endemic animal diseases present in many countries around the world) into the susceptible animal population of the United States; participates with the Section's head veterinarian in accomplishing functions of the section, including establishing priorities, scheduling work, management of facilities and equipment, preparation and communicating reports, and maintaining an environment conducive to quality assurance, biosecurity, safety and health of laboratory personnel, and equal opportunity/civil rights objectives; conducts scientific laboratory activities to develop, evaluate, enhance, or simplify diagnostic assays by utilizing current and emerging technologies; provides leadership and serves as a consultant in the transfer of newly developed or improved diagnostic technologies; in case of declared animal disease emergencies, will provide professional assistance to the personnel in the section in the conduct of diagnostic procedures including isolation and identification of viruses, bacteria and parasites, and serological procedures.

**QUALIFICATIONS REQUIRED:**

Applicants **MUST** meet qualifications by 04/04/2002 (which is 30 days after the closing of this announcement)

**Minimum Education Requirements:**

Degree; Doctor of Veterinary Medicine or equivalent degree at a school approved or accredited by (a) the American Veterinary Medical Association (AVMA), (b) a State department of education, or (c) a State Board of Veterinary Medical Examiners.

Graduates of a foreign veterinary medical school who do not meet the requirements specified above must furnish proof of (a) graduation from a veterinary medical school, and (b) the ability to communicate in and comprehend the English language, and (c) passing the written examination in veterinary medicine given through the AVMA's Educational Commission for Foreign Veterinary Graduates (ECFVG) or the U.S. National Board of Veterinary Medical Examiners. Proof of English language proficiency may be met by (1) achieving a total score on the Test of English as a foreign Language of at least 550 with a listening comprehension score of at least 60 points, (2) earning an advanced degree (i.e., an MS or Ph.D.) at a U.S. college or university, or (3) graduating from a U.S. or Canadian English-speaking high school. Exceptions to these requirements are as follows:

**For additional information about this position please contact:** HRO STAFFING, 612-370-2381

(Additional information is also available on the AAAP website: <http://www.aaap.info>)