



AAAP WINTER NEWSLETTER

February 2001

AAAP Annual Meeting

to be held July 14-18 in Boston, Massachusetts

The AAAP Headquarters hotel will be the **Boston Marriott Copley Place**. The AAAP committee meetings, the AAAP Awards Luncheon, AAAP Board of Directors Meetings and the ACPV Exam will be held in the Marriott. The AAAP Symposium, AVMA/AAAP-Avian Medicine Scientific Program and Poster session will be held in the Convention Center.

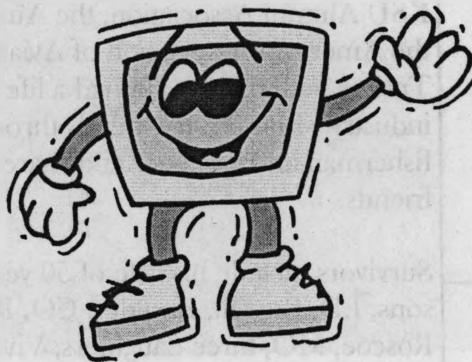
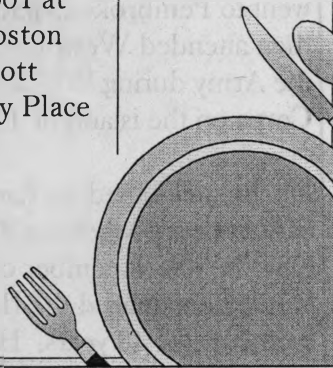
The AVMA Registration and Housing forms are attached. Please send the housing form in early so that you will be guaranteed a room in your hotel of choice.

The **Preliminary Program** for the Symposium and AVMA/AAAP Avian Medicine Scientific program is enclosed. The program begins with the symposium on Sunday, July 15 and the platform papers on Monday, July 16 and goes through Wednesday noon.

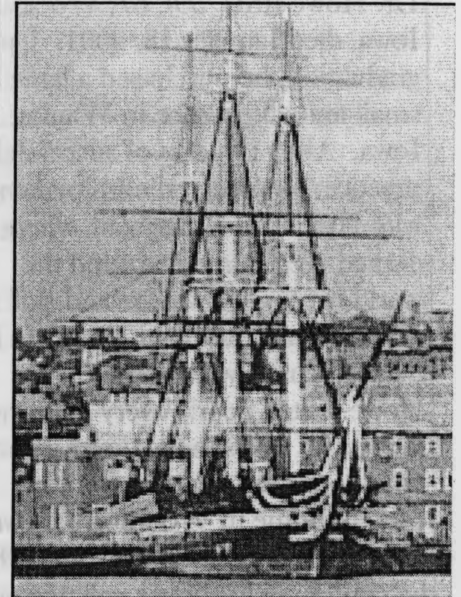
AAAP AWARDS LUNCHEON

The Awards luncheon will be held on Monday, July 16, 2001 at the Boston Marriott Copley Place Hotel

Ticket order forms will be available soon.



Visit the new
AAAP website at
<http://cahpwww.nbc.upenn.edu/~aaap/>



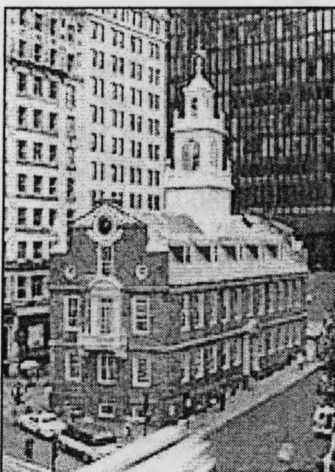
The AAAP Board of Directors will meet all day on Friday, July 13 and Saturday, July 14 and again on Wednesday morning, July 18. All members are welcome to attend. Anyone with agenda items for the Board meeting should contact the AAAP Business Office.

AAAP Business Office
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Charles W. Howe Jr.

Dr. Howe (ISU '59), 67, Woodward, Iowa, died January 18, 2001. Upon graduation, he purchased a large and small animal practice in Wauke, Iowa. After 10 years of successful practice, he accepted employment with HyLine International, where he earned great respect around the world for his knowledge and skill in poultry health and pathology. In his 30 year career with HyLine, Dr. Howe visited nearly every country in the world, while maintaining a part-time house call practice from his present home in Woodward, Iowa. Semi-retired from HyLine in 1998, he continued his house call practice and was the elected mayor of Woodward at the time of his death. Throughout his career, Dr. Howe felt a great responsibility toward both his community and his clients, to whom he often offered his services for little more than a smile and a handshake, and he made large contributions to the local Humane Society in both money and services. Memorials may be made to the Raccoon Valley Humane Society in care of his wife, Martha Howe, 201 E. 2nd St, Woodward, IA 50276.



OBITUARIES



Dan B. Russell, DVM

Dan B. Russell, 78, of Independence, MO passed away Wednesday, June 21, 2000, at his home. Dr. Russell was a life long resident of Kansas City. He graduated from Southeast High School in 1937. He went to Pembroke Country Day School on a football scholarship. He then attended Westminster College in Fulton, Missouri until he joined the Army during WWII. Dr. Russell served in the Army Veterinary Corps on the island of Tinian.

Dr. Russell joined his family business in 1951 after receiving his Doctor of Veterinary Medicine degree from Kansas State University. While at KSU he was a member of Alpha Gamma Rho fraternity. With his family he managed the ID Russell Company, a poultry pharmaceutical company for 48 years. He retired as chairman of the board.

Dr. Russell was a member of Terrace Lake United Methodist Church, KSU Alumni Association, the American Veterinary Medical Association, the American Association of Avian Pathologists, and the National Turkey Federation. He had a life long involvement with the poultry industry with industry friends throughout the US. He was an avid fisherman and gardener and shared these hobbies with family and friends.

Survivors include his wife of 50 years, Mildred L. Russell, of the home; sons, I.D. Russell, Boulder, CO, Berton and his wife Carolyn Russell, Roscoe, MO; three daughters, Vivian and her husband, Stan Sasser, Independence, MO, Sandy and her husband, Rick Stewart, Longmont, CO, and Denise and her husband, Steve Gaffney, Longmont, CO and eleven grandchildren: Scott, David, and Mallory Sasser, Isaiah Russell, Amelia and Haley Stewart, James, Joseph and Mark Gaffney, and Dan and Tom Russell.

Memorial contributions may be made to the Terrace Lake United Methodist Church, 4500 E. Red Bridge Rd., Kansas City, MO 64137 or the American Diabetes Association, 9201 Ward Parkway, Kansas City, MO 64114.



**AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS
SCHEDULE OF EVENTS
MARRIOTT COPLEY PLACE, BOSTON, MASSACHUSETTS**

FRIDAY, JULY 13

8:00 AM-7:00 PM

Board of Directors Meeting

SATURDAY, JULY 14

8:00 AM-7:00 PM

Board of Directors Meeting

9:00 AM-6:30 PM

ACPV Exam

SUNDAY, JULY 15

7:00 AM-8:00 AM

Awards Committee

7:00 AM-8:00 AM

AAAP/AVMA Liaison Committee

7:00 AM-8:30 AM

Toxic, Infectious, Miscellaneous, and
Emerging Diseases Committee

7:30 AM-8:30 AM

Georgia MAM Alumni Group

7:30 AM-5:30 PM

Poster Session

8:00 AM-5:00 PM

Convention Center

Respiratory Diseases Symposium

12:15 PM-1:15 PM

Convention Center

Avian Disease Manual Editorial Committee

12:15 PM-1:15 PM

Membership Committee

3:00 PM-7:00 PM

ACPV Board Meeting

4:00 PM-6:00 PM

Long Range Planning Committee

5:00 PM-7:00 PM

Diseases of Poultry Editorial Board

MONDAY, JULY 16

7:00 AM-8:00 AM

Avian Diseases Editorial Board

7:00 AM-8:00 AM

Preceptorship Committee

7:00 AM-8:00 AM

Epidemiology Committee

7:00 AM-8:30 AM

History Committee

7:00 AM-8:30 AM

Education Committee

7:30 AM-9:00 AM

Foodsafety & Diseases of Public Health
Significance Committee

**MONDAY, JULY 16 cont.**

7:30 AM-5:30 PM

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

6:00 PM-7:00 PM

6:00 PM-8:00 PM

TUESDAY, JULY 17

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

5:00 PM-6:00 PM

5:30 PM-7:00 PM

6:00 PM-7:00 PM

WEDNESDAY, JULY 18

7:00 AM-11:00 AM

7:30 AM-Noon

8:00 AM-Noon

8:00 AM-Noon

Poster Session

Convention Center

Scientific Program Session A

Convention Center

Scientific Program Session B

Convention Center**AAAP Awards Luncheon****Marriott**

ACPV Board Meeting

Enteric Diseases Committee

Animal Welfare and Management Committee

Biologics 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**

Electronic Information Committee

Respiratory Diseases Committee

Tumor Virus Committee

Board of Directors Meeting

Poster Session

Convention Center

Scientific Program Session A

Convention Center

Scientific Program Session B

Convention Center



Respiratory Diseases of Poultry Symposium
Sunday, July 15, 2001
Convention Center

	Moderator: Sherrill Davison	
	<i>Infectious Bronchitis Virus</i>	
8:00 am	Diagnostic Tests for Infectious Bronchitis Virus – Advantages and Limitations of the Currently Used Techniques	Mark Jackwood
8:15 am	S1 Sequence Analysis; A Tool for Understanding Infectious Bronchitis Virus Outbreaks	Jack Gelb
8:30 am	Infectious Bronchitis in Pennsylvania	Sherrill Davison
8:45 am	The Current Status of the Detection and Typing of Infectious Bronchitis Virus	Fred Hoerr
9:00 am	Discussion	
	<i>Infectious Laryngotracheitis</i>	
9:15 am	Current Field Status of Infectious Laryngotracheitis	John Smith
9:30 am	Tracking Infectious Laryngotracheitis in the Field	Maricarmen Garcia
9:45 am	New Approaches in Infectious Laryngotracheitis Vaccine Development	Calvin Keeler
10:00 am	Discussion	
10:15 am	Break	
	<i>Mycoplasma Gallisepticum</i>	
10:45 am	<i>Mycoplasma gallisepticum</i> in North Carolina: 1999-2000	David Ley
11:00 am	Some Perspective on <i>Mycoplasma</i> Diagnosis and Control	Stanley Kleven
11:30 am	Discussion	
11:45 am	LUNCH	
	Moderator: Fred Hoerr	
	<i>Avian Influenza</i>	
1:30 pm	National and International Avian Influenza Outbreaks and Strategies for Control	David Swayne
	<i>Newcastle Disease</i>	
2:00 pm	Newcastle Disease Virus Pathotyping: The Current Emphasis on the ICPI	Jack King
2:15 pm	Molecular Evolution of Newcastle Disease Virus and the Application of Molecular Diagnostics	Bruce Seal
	<i>Pneumoviral Infection</i>	
2:30 pm	Epidemiology of Avian Pneumovirus and Host Range	K.V. Nagaraja
2:45 pm	Pathogenesis and Detection of Avian Pneumovirus Infection	Daniel Shaw
3:00 pm	DISCUSSION	
3:30 pm	Adjourn	



2001 AAAP/AVMA SCIENTIFIC PROGRAM

	Monday, July 16, 2001 Session A	Monday, July 16, 2001 Session B
	Moderator: Carol Cardona	Moderator: Chuck Hofacre
8:00	Molecular characterization of oncogenic avian leukosis virus subgroup J Zavala, Guillermo, Mark Jackwood, & Deborah Hilt	Rapid and specific detection of Campylobacter sp., Salmonella sp. and E. coli O157 with multiplex PCR-ELISA Hong, Yang, Margie Lee, & John Maurer
8:15	Molecular and classical analysis of nested RT-PCR ALV-J positive plasma samples undetected by virus isolation coupled with antigen capture ELISA El-Attrache, John, Pedro Villegas, & Maricarmen Garcia	Frequency and location of Salmonella enteritidis contamination in eggs associated with various routes of experimental infection of laying hens Gast, Richard, Jean Guard-Petter, & Peter Holt
8:30	The Effect of immunosuppression caused by cyclophosphamide treatment of broiler chickens in Avian leucosis virus subgroup J (ALV-J) infection Yongbaek, Kim, Tom Brown, Mary Pantin-Vera, & Saad Gharaibeh	Use of new lateral flow panel for detecting Group D Salmonella, to rapidly determine Salmonella enteritidis (SE) presence in egg contents Holt, Peter, Kun-Ho Seo, Richard Gast, & Henry Stone
8:45	Natural history of Avian Leukosis Virus-Subgroup J in a closed flock of broiler breeder chickens over three years Brown, Thomas, Nancy Stedman, Mary Pantin, Saad Gharaibeh, Kim Yongbaek, & Justin Verner	Salmonellas from poultry products, environment and from the diagnostic samples Dhillon, A. Singh, P. Roy, L. H. Lauerman, D.M. Schaberg, D. Bandli, & S. Johnson
9:00	Evidence for myeloblastosis associated virus type-1 in a commercial White Leghorn stock Spencer, J. Lloyd, Maria Chen, Susan Nadin-Davis, & Bernhard Benkel	Broad serotype screening test for serologic diagnosis of Salmonella in poultry Holmquist, Goran, Andrea Ballagi, Harold van den Heijden, & Valerie Leathers
9:15	Effects of maternal antibodies against ALV-J on severity of ALV-J infection in broiler chickens exposed to hatch mates shedding virus Gharaibeh, Saad, Tom Brown, Mary Pantin, & Kim Yongbaek	Characterization of resistance genes in Salmonella isolates from commercial poultry Liljebjelke, Karen, Tongrei Liu, Charles Hofacre, & John Maurer
9:30	Evaluation of experimental vaccines for subgroup J avian leukosis virus Fadly, Aly, Lucy Lee, & Henry Hunt	Salmonella-IBDV interaction in broiler chickens Bautista, Daniel, Elankumaran Subbiah, Robert Heckert, Gretchen Oshop, Lenita Moura & Jane Wilson
	Break 9:45 AM – 10:15AM	Break 9:45 AM – 10:15AM
	Moderator: Richard Witter	Moderator: John Glisson
10:15	Investigation of the Role of non-MHC alloantigen systems on Marek's disease pathogenicity in broilers Wakenell, Patricia, W. Elwood Briles, Maung San Myint, Thomas Farver, & Donald Link	Different control approaches of a highly virulent Salmonella enteritidis infection in chicken Barbour, Elie, Gida Banat, Mohammed Farran, Obeid Faroon, & Faris Jirjis
10:30	Characterization of Marek's Disease Virus gene encoding an IL8-like chemokine Cui, Xiaoping, Lucy Lee, & Sanjay Reddy	Expression of SEF14 fimbrial antigen in a non-pathogenic carrier as a live vaccine for Salmonella enteritidis infection in chicken Lopes, Vanessa, Hyun-Jin Shin, David Halvorson, & Kakambi Nagaraja
10:45	Recombinant technology to mutate Marek's disease virus genes, pp38 is not essential for oncogenesis Reddy, Sanjay, Blanca Lupiani, Robert Silva, Lucy Lee, & Richard Witter	Construction and evaluation of a live attenuated vaccine to protect chickens against Group C Salmonella Roland, Kenneth, Steve Gort, Steve Tinge, Beth Warner, & Mark Campbell
11:00	Virulence of Marek's disease virus: role of the 132 bp repeats Silva, Robert, Blanca Lupiani, & Sanjay Reddy	Comparison of fecal shedding of avian bacterial pathogens and parasites from free-living passerines and waterfowl Morishita, Teresa, Dawn Fallacara, Clifton Monahan, Elizabeth Ley, Pyone Aye, & Brian Harr
11:15	Characterization of a putative immunogenic epitope of p38 related to Rispens strain of Marek's Disease virus Lee, Lucy, Zhizhong Cui, Sanjay Reddy	Potential human health consequences of use of antimicrobial agents in chickens Angulo, Frederick, Shannon Rossiter, & Jennifer Wright



	Monday, July 16, 2001 <i>cont'd.</i> Session A	Monday, July 16, 2001 <i>cont'd.</i> Session B
11:30	Distinct pathogenesis of transient paralysis and persistent neurological disease revealed by differential attenuation of Marek's disease virus Gimeno, Isabel, Richard Witter, Henry Hunt, Sanjay Reddy, & Ulrich Neumann	Effects of products from Con. A stimulated peripheral blood lymphocytes on different bacteria Ali, Akbar, & Donald Reynolds
	AAAP Awards Luncheon 11:45 AM – 2:00 PM	AAAP Awards Luncheon 11:45 AM – 2:00 PM
	Moderator: Thomas Brown	Moderator: Stanley Kleven
2:00	Improved efficacy of partially attenuated vaccines for Marek's disease Witter, Richard	(Reed Rumsey)
2:15	Case Report: An unusual neurologic presentation in broiler chickens associated with lymphocytic infiltrates in the cervical spinal cords Davis, James, George Rowland	(Reed Rumsey)
2:30	Epidemiology of an outbreak of Reticuloendotheliosis in breeder and market age turkeys Crespo, Rocio, H.L. Shivaprasad, Cheryl Hall, & Aly Fadly	The epidemiology of mycoplasma gallisepticum in North Carolina. An update. Martinez, Algis, Jean-Pierre Vaillanourt, David Ley, & Charlotte Smith
2:45	Pathology of Reticuloendotheliosis in breeder and market age turkeys Shivaprasad, H.L., Rocio Crespo, Cheryl Hall, & Aly Fadly	Observations on the use of the random amplified polymorphic DNA analysis test on Mycoplasma gallisepticum cases in Colorado Wooming, Brian, & David Ley
	Break 3:00 PM – 3:30PM	Break 3:00 PM – 3:30PM
	Moderator: David Swayne	Moderator: David Ley
3:30	Pathobiology of a Hong-Kong origin H5N1 avian influenza virus in pigeons, geese, and emus Perkins, Laura & David Swayne	Pathogenicity of Mycoplasma gallisepticum field isolates for chickens and turkeys Sanei, Babak, David Ley, & H. John Barnes
3:45	The H5N2 avian influenza makes its debut in Central America Senne, Dennis, David Suarez, Janice Pedersen, & Brundaban Panigrahy	Detection of Mycoplasma synoviae in chicken tissues by in situ DNA hybridization with catalyzed signal amplification Lockaby, Susan, Frederic Hoerr, & Lanqing Li
4:00	Difficulties associated with the isolation and identification of avian influenza virus Woolcock, Peter, Michael McFarland, & Steven Lai	Comparison of the pathogenicity of recent isolates of Mycoplasma synoviae in turkeys Kleven, Stanley, Min Su Kang, Victoria Leiting, & W.D. Hall
4:15	Isolations of Non H5 or H7 Avian Influenza subtypes from backyard Pennsylvania poultry flocks Henzler, David, Bruce Schmucker, & Philip DeBok	Clearance of Mycoplasma synoviae from the upper respiratory tract by local treatment with antibody and tiamulin Ramirez, Antonio, Eliana Icochea, Norma Noe, & Sharon Levison
4:30	Avian Influenza: Finding more timely, sensitive and cost-effective protocols for virus surveillance Slemons, Richard, & Ann Reid	Response to treatment of mycoplasmosis in broiler breeders based on evaluation by pipped embryo analysis Payne, Albert, William Serna, & Tony Unandar
4:45	Impact of H9N1 avian influenza infection in a layer farm Lucio-Martinez, Benjamin	Effect of Enrofloxacin and Tylosin on protection against MG challenge in birds vaccinated with TS-11 Contreras, Manuel, Rafael Fernandez, & Enrique Montiel
5:00	Adjourn	Adjourn
	Tuesday, July 17, 2001 Session A	Tuesday, July 17, 2001 Session B
	Moderator: Pedro Villegas	Moderator: Alex Bermudez
8:00	Reliable virulence measures for the Newcastle disease virus (NDV) Panigrahy, Brundaban, Dennis Senne, & Janice Pedersen	Evaluation of Avian E. coli Iss Monoclonal Antibodies Foley, Steven, Shelley Horne, Michael Robinson, & Lisa Nolan



	Tuesday, July 17, 2001 <i>cont'd.</i> Session A	Tuesday, July 17, 2001 <i>cont'd.</i> Session B
8:15	Virulence of six heterogenous-origin Newcastle disease virus isolates for domestic chickens Kommers, Glaucia, Daniel King, Bruce Seal, & Corrie Brown	Involvement of Iss in Avian Escherichia coli virulence and complement resistance Horne, Shelley, Cathy Giddings, Richard Wooley, & Lisa Nolan
8:30	Passive immunization protects birds following challenge with virulent NDV Reynolds, Donald, & Sevinc Akinc	The role of arsH in Avian Escherichia coli Gibbs, Penelope, Richard Wooley, & John Maurer
8:45	Newcastle disease vaccine failure in commercial broilers Senne, Dennis, Bruce Seal, Daniel King, Eduardo Rivera, & Cesar Villarreal	Apralan soluble powder for the control of colibacillosis-related mortality in growing chickens Rings, Bret, Gregory Moore, & Alan Zimmerman
	Break 9:00 AM – 9:30 AM	Break 9:00 AM – 9:30 AM
	Moderator: Jagdev Sharma	Moderator: Dick Slemons
9:30	Rapid detection and strain differentiation of infectious bursal disease virus in formalin-fixed, paraffin-embedded tissue Pantin, Mary, Thomas Brown, Mark Jackwood, & Heather Ainsworth	Characterization of recent Pastuerella multocida isolates from California, Minnesota and Ohio Angrick, Elisabeth, Pyone Aye, & Teresa Morishita
9:45	Detection of single and multiple nucleotide polymorphisms in infectious bursal disease viruses using real-time RT/PCR Jackwood, Daral, & Susan Sommer	Evaluation of the effect of heating on oil emulsion Pasteurella multocida bacterin on reducing tissue reaction without affecting immunity Burns, Karen, Jaime Ruiz, & John Glisson
10:00	Pathogenicity of recent IBDV isolates inoculated in commercial broilers using in situ hybridization Banda, Alejandro, Pedro Villegas, John El-Attrache, & Corrie Brown	Case Study: Lesions associated with an accidental head injection with a live fowl cholera vaccine Gilbert, Robinette
10:15	Involvement of cytokines in the pathogenesis of infectious bursal disease virus (IBDV) in chickens Rautenschlein, Silke, Hung-Yueh Yeh, Moses Njenga, & Jagdev Sharma	Extraction, preparation, and efficacy of Pasteurella multocida capsule and outer membrane proteins in Pekin ducks Eltayeb, Amna, Jessie Price, & Mike Collins
	Business Meeting 10:30 AM – 12:00 Noon Lunch 12:00 Noon – 1:00 PM	Business Meeting 10:30 AM – 12:00 Noon Lunch 12:00 Noon – 1:00 PM
	Moderator: Mo Saif	Moderator: John Barnes
1:00	Cytokines modulate IBDV vaccination Yeh, Hung-Yueh, Silke Rautenschlein, & Jagdev Sharma	Factors affecting pathogenesis of avian pneumovirus in turkeys Jirjis, Faris, Sally Noll, David Halvorson, Kakambi Nagaaja, Alberto Back, & Daniel Shaw
1:15	The role of T cells in protection by inactivated IBDV vaccine Sharma, Jagdev, Silke Rautenschlein, & Hung-Yueh Yeh	Neonatal avian pneumovirus infection in commercial turkeys Halvorson, David, H.J. Shin, F.F. Jirjis, M.C. Kumar, M.K. Njenga, D.P. Shaw, S.L. Noll, & K.V. Nagaraja
1:30	Infectious Bursal Disease Virus Proventriculitis Kelly, Tami, Joe Giambrone, & Kalen Cookson	Immune response of turkeys following intranasal vaccination with BPL-inactivated avian pneumovirus and live-virus challenge Kapczynski, Darrell, & Cassandra Smith
1:45	Evaluation of IBDV and Marek's Disease virus vaccinations on maternal antibodies Miller, Sharon, & Daral Jackwood	The effect of Pneumovirus infection on performance of turkey breeders Rajcic-Spasojevic, Gorica
2:00	The role of immunosuppressive agents in the development of gangrenous dermatitis in broiler chickens Norton, Robert, Kenneth Macklin, & C. Wang	Effect of fermentable diets on enterocyte maturation and turkey coronavirus infection Pierson, William, Chanin Tirawattanawanich, & Calvert Larsen
2:15	Pathogenesis of chicken infectious anemia virus: studies on latency Miller, Myrna, & Karel Schat	Effects of turkey coronavirus infection on turkey breeder hen performance Rives, David, & James Guy



	Tuesday, July 17, 2001 <i>cont'd.</i>	Tuesday, July 17, 2001 <i>cont'd.</i>
	Session A	Session B
	Break	Break
	2:30 PM – 3:00 PM	2:30 PM – 3:00 PM
	Moderator: John Smith	Moderator: David Rives
3:00	California 99 and Nebraska 95 strains of infectious bronchitis virus: Molecular and serological characterization Jackwood, Mark, & Deborah Hilt	Production effects of exposure to Coban to turkey breeder hens in production that had previous exposure to Coban during rearing as breeder replacements Trites, James, & Ronald Lippert
3:15	Virological and serological identification of IBV strains known as DE-072 variants Villegas, Pedro, Miguel Ruano, John El-Attrache, & Naola Ferguson	A case report: An Atypical presentation of Erysipelas in commercial turkey hens Tilley, Becky, & J. Vernon Felts
3:30	The Pathogenesis and Genetic Characteristics of Nephropathogenic Infectious Bronchitis viruses isolated in the United States Lee, Chang-Won, Deborah Hilt, & Mark Jackwood	Pseudoaspergillosis in young turkey poults caused by Staphylococcus aureus Barton, James
3:45	Protection against IBV Nebraska 95 isolate Alvarado, Ivan, Pedro Villegas, John El-Attrache, & John Glisson	Efficacy of Fenbendazole against round worms (<i>A. dissinnilis</i>) in commercial turkeys Karunakaran, Daniel
4:00	Prevalence of Infectious Bronchitis virus during the downtime period in broiler houses Ruiz, Jaime, John Glisson, & Karen Burns	Reduced 2-week mortality in turkey poults following administration of soluble tylosin tartrate Evans, Robert, & Daniel Karanukaran
4:15	Multiple serotypes of infectious bronchitis virus identified from a commercial layer farm Lu, Huaguang, Q. Yang, T. Ward, P. Dunn, & D. Weinstock	Turkey Enteritis – Gross and Histologic Evaluations from the field Cummings, Timothy
4:30	Management of an endemic Infectious Bronchitis 072 variant in a commercial broiler complex Payne, Albert	Characterization of a reovirus isolated from PEMS causing liver lesions Schat, Karel, Priscilla O'Connell, Cherilyn Heggen-Peay, & Muquarab Quereshi
4:45	Field observations from the use of a vaccine reaction score system for IBV on broiler performance Venne, Daniel	The pathogenesis of turkey astrovirus infection in poults Behling-Kelly, Erica, Stacey Schultz-Cherry, Matt Koci, Laura Kelley, & Corrie Brown
5:00	Adjourn	Adjourn
	Wednesday, July 18, 2001	Wednesday, July 18, 2001
	Session A	Session B
	Moderator: Willie Reed	Moderator: Buzz Klopp
8:00	A recombinant fowl pox virus containing IBV-S1 gene and its potential for a vaccine Khan, Mazhar, Xiuqing Wang, William Schnitzlein, & Deoki Tripathy	The concurrence of Staphylococcus aureus with broiler ascites Keirs, Robert, Chinling Wang, & Donnie Zumwalt
8:15	Homologous fowlpox virus promoters for the development of recombinant vaccines Srinivasan, Viswanathan, William Schnitzlein, & Deoki Tripathy	Four-year summary of the disease incidence of broiler breeders in north Alabama VanSambeck, Francene, Frederic Hoerr, Susan Lockaby, & Tami Kelley
8:30	Efficacy and safety of a recombinant fowl pox virus containing Laryngotracheitis genes Moore, Kristi, Jennifer Davis, Yoshinari Tsuzaki, David Hout, Motoyuki Esaki, Takahi Okuda, & Joan Leonard	Production loss and mortality in broiler breeders from suspected salinomycin toxicity Roney, Charles S., & Jeffery Courtney
8:45	Analysis of MG genes expressed by a fowl pox virus vector Tsuzaki, Yoshinari, Jennifer Davis, David Hout, Shuji Saitoh, Motoyuki Esaki, Takashi Okuda, Ayumi Fujisawa, & Joan Leonard	Antibiotic sensitivity profiles of E. coli isolates from commercial broiler chickens submitted to the Salisbury Animal Health Laboratory from 1998-2000 Tablante, Nathaniel, & Fidelis Hegngi
9:00	Diseases and Lesions in the integument Julian, Richard	Rofenaid disk-diffusion assay results Clark, Steven
9:15	Role of management in control of fowl pox in laying chickens Spasojevic, Radivoje	Pathologic characterization of four Michigan Infectious Laryngotracheitis virus isolates Fulton, Richard, Roger Maes, & Cunqin Han



	Wednesday, July 18, 2001 <i>cont'd.</i> Session A	Wednesday, July 18, 2001 <i>cont'd.</i> Session B
	Break 9:30 AM – 9:45 AM	Break 9:30 AM – 9:45 AM
	Moderator: Mick Fulton	Moderator: Ken Opengart
9:45	Genetic and antigenic characterization of a poxvirus from ostrich Tripathy, Deoki, Tae-Joong Kim, H. L. Shivaprasad & Peter Woolcock	Haemoproteus lophortyx infection in bobwhite quail Cardona, Carol, Bill Johnson, & Arthur Ihejirika
10:00	Purification and sequencing of specific REV protein in REV-integrated fowl pox virus Tadese, Theodros, & Willie Reed	Development of new, reliable, non-radioactive colorimetric assay to monitor lymphocyte proliferation during Eimeria tenella infection Lillehoj, Hyun, Tadashi Miyamoto, & Wongi Min
10:15	A caveat in FPV vaccines and their recombinants, a need for better vaccine Singh, Pratik, William Schnitzlein, & Deoki Tripathy	Coccidiosis control and immunity development using Clinacox (diclazuril) or Salinomycin in extended withdrawal programs Mathis, Greg, & Marcelo Lang
10:30	Immunogenicity of recombinant plasmid DNA expressing the VP2 capsid protein gene of infectious bursal disease virus and chicken interleukin-2 Hulse, Diane, & Carlos Romero	Productive performance of broilers protected with a nonattenuated Eimeria vaccine Icochea, Eliana, Miguel Adriano, Antonio Ramirez, & Pablo Reyna
10:45	DNA vaccination with plasmids containing various fragments of large segment genome of infectious bursal disease virus Wu, Ching Ching, Hua Chen Chang, & Tsang Long Lin	The performance of Maxiban and Nicarbazine with and without BMD in broiler starter rations Rings, Bret, & Robert Cochran
11:00	Determination of the most effective in ovo route for DNA vaccine delivery Moura, Lenita, Robert Heckert, Subbiah Elankumaran, & Gretchen Oshop	An evaluation of the association between gut pH, feed passage, coccidial lesions and clostridium perfringens in broiler chickens submitted to the Salisbury Animal Diagnostic Laboratory Hegngi, Fidelis, Nathaniel Tablante, Pierre Brunet, & Pete Warnner
11:15	In ovo DNA vaccination Oshop, Gretchen, Robert Heckert, Subbiah Elankumaran, & Lenita Maura	The effects of chemical litter treatment on clostridia perfringens induced necrotic enteritis in broiler chickens; a pilot study verifying a laboratory model Martin, Michael, Patricia Wakenell, Randolph Chick, & Chris O'Brien
11:30	Adjourn	Adjourn

POSTER PROGRAM

1. **Relative importance of biosecurity measures: A Delphi Study**
Vaillancourt, Jean-Pierre, & Algis Martinez
2. **Biological and molecular characterization of a novel quail herpes virus**
Link, Donald, Karel Schat, & Patricia Wakenell
3. **The Effects of Riemerella (Pasteurella) anatipestifer on Pekin Ducks**
Sarver, Craig, Teresa Morishita, Y.M. Saif, & Bedros Nersessian
4. **Experimental inoculation of pigeons (columba livia) with Mycobacterium bovis**
Zwick, Laura, Scott Fitzgerald, & Willie Reed
5. **Avulsion of the Common Retinaculum in Meat Turkeys**
Crespo, Rocio, Cheryl Hall, & Yan Ghazikhanian
6. **Antigenic relationship of turkey coronavirus isolates in the U.S.**
Lin, Tsang Long, Chien Chang Loa, Ching Ching Wu, Thomas Bryan, Tom Hooper, & Donna Schrader
7. **Development and validation of a competitive enzyme-linked immunosorbent assay for detection of turkey coronavirus-specific antibodies**
Guy, James, Jamie Breslin, & Lynda Smith
8. **Analysis of the polypeptide catalytic site on OH-infectious bursal disease virus (IBDV) strain protein VP4 by site-directed mutagenesis**
Rodriguez, Juan, & Frederick Kibenge
9. **Trafficking in the chicken of recombinant plasmid DNA expressing the VP2 capsid protein gene of infectious bursal disease virus**
Hulse, Diane, & Carlos Romero
10. **The sequence evidence of swine influenza viruses infecting chickens and turkeys**
Suarez, David
11. **Genetic diversity of Campylobacter jejuni from broiler chickens at processing**
Jeffrey, Joan, Karen Tonooka, Joan Lazano, & Allison Hunter



12. **Isolation and characterization of fluroquinolone-resistant *Campylobacter* sp. from poultry samples**
Ghori, Hashim, & Mohammed Nawaz
13. **Comparison of RT-PCR with bacterial culture as methods for detecting *Campylobacter jejuni* in chicken eggs**
Reimer, Nancy, Mary Pantin-Vera, Thomas Brown, & Nelson Cox
14. **Efficacy of water administration of sodium acid sulfate in reducing crop contamination during feed withdrawal**
Byrd, J. Allen, & Trisha Marsh Johnson
15. ***Salmonella enteritidis* cross contamination of table eggs**
Boulianne, Martine, & Serge Messier
16. **Initial screen for presence of *Salmonella* in poultry environments with nested-PCR**
Liu, Tongrui, Elizabeth Bartlett, Charles Hoface, Susan Sanchez, & John Maurer
17. **Genetic variability of reticuloendotheliosis provirus in the genome of fowlpox virus**
Schnitzlein, William, Pratik Singh, & Deoki Tripathy
18. **Molecular characterization of Reticuloendotheliosis Virus (REV) insertions in the genome of field and vaccine strains of fowl pox virus (FPV)**
Narang, Neelam, Maricarmen Garcia, William Reed, & Aly Fadly
19. **Poxvirus from a condor is biologically different from fowlpox virus**
Kim, Tae-Joong, & Deoki Tripathy
20. **Characterization of a possible avian macrophage est library**
Bliss, Travis, Marlene Emara, & Calvin Keeler
21. **Effect of toe trimming, probiotics and litter acidification on the incidence of cellulitis in broiler chickens**
Tessier, Michelle, Philippe Labelle, Robert Gauthier, & Martine Boulianne
22. **Correlation of phenotypic characteristics and embryo lethality in identifying virulent and commensal avian *Escherichia coli***
Wooley, Richard, & Penelope Gibbs
23. **C3b deposition on avian *Escherichia coli***
Nolan, Lisa, Catherine Giddings, Shelley Horne, & Richard Wooley
24. **Localization of Iss in an avian *Escherichia coli* isolate using conjugation, DNA:DNA hybridization, amplification and sequencing techniques**
Johnson, Timothy, Catherine Giddings, Shelley Horne, & Lisa Nolan
25. **Screening a genomic library of a virulent avian *Escherichia coli* isolate for iss**
Lynne, Aaron, Shelley Horne, Catherine Giddings, & Lisa Nolan
26. **Prevalence of Enteropathogenic *Escherichia coli* in naturally-occurring cases of poult enteritis-mortality syndrome**
Pakpinyo, Somsak, H. John Barnes, David Ley, & James Guy
27. **Establishment of methods to detect avian Leukosis Virus subgroup J (ALVJ) envelop antigens**
Li, Maoxiang, Lucy Lee, & Aly Fadly
28. **Using ultrasound to predict lean tissue mass in broiler breeder hens**
Dixon, Sallee, Robert Teeter, & Kenneth Powell
29. **Feline aminopeptidase N as a receptor for Infectious Bronchitis virus**
Wang, Chinling, Betty Miguel, & Gregory Pharr
30. **Glycosylation analysis of the IBV spike glycoprotein**
Wade, Emma, Mark Jackwood, & Deborah Hilt
31. **Synthesis and analysis of hammerhead ribozymes targeted to Infectious Bronchitis virus subgenomic mRNA's**
Callison, Scott, Mark Jackwood, & Deborah Hilt
32. **Use of a live coccidial oocyst vaccine to change a salinomycin-resistant field *Eimeria maxima* population**
Newman, Linnea, Harry Danforth, Steve Roney, & John McCarty
33. **Immunogenetic Assessment of Staphylococcal Tenosynovitis and Osteomyelitis in broiler breeder stock**
Bessinger, Kellye, Frederic Hoerr, Sandra Ewald, & Vicky Van Santen
34. ***Staphylococcus aureus* granulomatous pneumonia in 6-day-old turkey poults**
Bermudez, Alex, & Magalie Boucher
35. **Correlation of tracheal antigenic distribution and levels of specific humoral antibodies in pneumovirus infected broiler breeders and their offsprings**
Barbour, Elie, Faris Jirjis, & Shady Hamadeh
36. **Reproductive tract tumors in mature laying hens**
Barnes, H. John, Gustavo Rodriguez, & Donna Carver
37. **Ontogeny of cellular and humoral immune response parameters ducks**
Wang, Y., PR China, & U. Neumann
38. **Investigations on immune cell populations of the head-associated lymphoid tissues: immunohistochemical aspects, cell mediated and humoral immune response in unvaccinated and vaccinated broilers**
Dumrongsontornchai, P., U. Neumann
39. **Femoral bone lesions of unknown etiology at a poultry slaughtering/processing facility**
Davis, Meredith, Benjamas Promsopone, & Teresa Morishita



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 2000-2001 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.



ACPV Workshop "Nutrition for the 21st Century: Challenges Ahead" - To be held March 23-24, 2001 at the University of California, Davis prior to the 50th WPDC. For more information, contact workshop coordinators Dr. Sam Charles (sam.charles.b@bayer.com) or Dr. Rocio Crespo (rcrespo@ucdavis.edu).



50th Western Poultry Disease Conference - To be held March 24-26, 2001 at the University of California, Davis. The 50th anniversary of WPDC will be held on the UCD campus. Last time it was at UCD was 1988.

For more information, contact the conference coordinator Lina Layiktez, Conference and Events Services, University of California, Davis, CA 95616. Phone (530) 757-3331. Fax (530) 757-7943. E-mail confandeventsvcs@ucdavis.edu.

Association of Avian Veterinarians 22nd Annual Conference & Expo Call for Papers - To be held August 21-25, 2001 at the Hilton in the Walt Disney World Resort. The conference theme, "2001: An Avian Odyssey" appropriately characterizes AAV's mission of advancing and promoting avian medicine and stewardship. For more information, please contact the conference office at (303) 756-8380.

XII International Congress of the World Veterinary Poultry Association - To be held September 17-21, 2001 in Cairo, Egypt.

On behalf of the Ministry of Agriculture, the Ministry of High Education and Scientific Research, and the Egyptian Branch of the World Veterinary Poultry Association (WVPA) we are honored to invite you to attend the XII International Congress of the WVPA to be held under the general concept "Current Development and Prospects for Poultry Disease Prevention and Control." The main object of the Congress is to transfer knowledge from current research and experience to professionals in the field and producers as well. Being held for the first time in an African country with history spanning 7000 years and splendid culture holds a very special appeal for visitors.

The excellent scientific program including eminent keynote speakers from different countries, the superb cultural and historical social program activities and the congress venue, the city of Cairo with its dazzling varied metropolis and contrasts, promise to fascinate and satisfy participants of the congress.

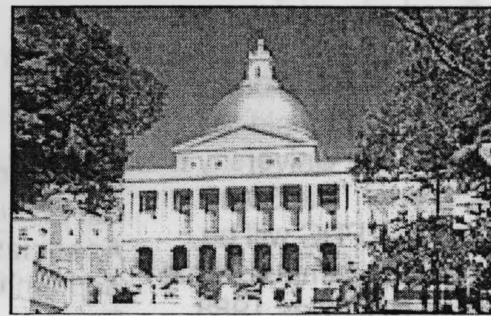
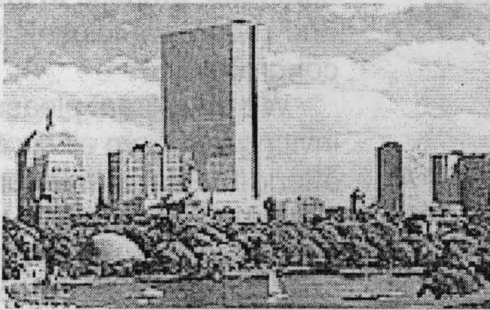
We take great pleasure in inviting you from all continents to attend the XII International Congress of the WVPA; the latter deserves our sincere thanks for its decision to hold its XII Congress in Egypt.

Main topics of the Scientific Sessions: Viral, mycoplasmal, bacterial, mycotic and parasitic diseases of poultry; Epidemiology and diagnosis of poultry diseases; Developmental, nutritional and metabolic disorders in poultry; Immunity and immune stimulants; Poultry vaccines and therapeutics; Contaminants and noxious substances in poultry feed and products; Poultry management and biosecurity; Poultry genetics and genetic disease resistance.

For more information contact the Organizing Committee, 12th International Congress WVPA 2001, MIPCO, PO Box 2399, El-Horriyis, Heliopolis, Cairo, Egypt. Phone (202) 244-2587. Fax (202) 247-4955. E-mail mipco@thewayout.net.



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) 432-4020 or by email at williams@ahdl.msu.edu for details. Thanks from the Membership Committee.



Do You Want To Run For A Council Position?



AVMA Council Vacancies to be filled in 2002

Members of the AAAP are eligible to run for the following AVMA council seats for terms beginning in the Fall of 2002 and ending in 2008. The elections will be held at the AVMA House of Delegates meeting in July 2002.

Judicial Council - one seat

Council on Research - two seats

Council on Public Health and Regulatory - one seat

To apply for these positions, please contact the AAAP office or AVMA House of Delegates members (Mo Saif and Gregg Cutler) for information regarding the nomination and election process.

Service on AVMA councils is a rewarding experience that could be extremely valuable for the individual, the AAAP, and the AVMA and our members are encouraged to consider pursuing these positions.



CONTRACT


Attention all AAAP Members

The long range planning committee of the American Association of Avian Pathologists has been charged with finding a replacement for Dr. Robert Eckroade for Secretary-Treasurer of the Association. The position will be open in July 2003 with the replacement identified by July 2002. The committee is soliciting suggestions for either an individual or organization for this position. Please contact a member of the Long Range Planning Committee.



Don Waldrip, Chair

**Cal Anthony
Gregg Cutler
Oscar Fletcher
John Glisson
Dave Halvorson
Mo Saif
Louis van der Heide**



Employment Opportunities

Assistant/Associate Professor/Preharvest Food Safety

This position is in the Food Animal Health Research Program, Ohio Agricultural Research and Development Center, with tenure or tenure track in the Department of Veterinary Preventive Medicine, The Ohio State University. This opening is part of a major initiative by The Ohio State University in the food safety area involving collaborations between the Food Animal Health Research Program and in the Department of Food Science and Technology. The primary responsibilities are to develop and lead research and extension programs on preharvest food safety. Participation in teaching and graduate training is also expected. Collaboration with other research and extension personnel at The Ohio State University Food

Safety Research Center is expected. A DVM or equivalent degree, and a PhD degree are required. Certification or eligibility for certification by a specialty board approved by the American Veterinary Medical Association is expected. Candidates must have comprehensive training in veterinary microbiology and epidemiology including knowledge of current molecular techniques used to investigate food borne human pathogens. Review of applications will begin immediately and continue until the position is filled. To apply, send curriculum vitae, summary of research interests, and names of five references to: Dr. Qijing Zhang, Search Committee Chair, Food Animal Health Research Program, Ohio Agricultural Research and Development Center, 1680 Madison Avenue, Wooster, OH 44691. Phone 330-263-3747, Fax 330-263-3677 or E-mail zhang.234@osu.edu. The Ohio State University is an equal opportunity/affirmative action employer.

Faculty Position in Poultry Extension and Diagnostic Medicine

The Department of Veterinary and Biomedical Sciences, University of Nebraska-Lincoln, invites applications for a tenure-track Assistant or Associate Professor position. The position includes extension and diagnostic responsibilities. Clinical experience in poultry production and diagnostic medicine, including histopathology proficiency, are required. Extension responsibilities include providing flock health management advice to poultry producers. The successful candidate is expected to conduct field investigations and clinical research. Applicants should possess a DVM (or equivalent) degree, and a MS or PhD degree in a topic relevant to poultry medicine. Certification as a Diplomate of the American College of Poultry Veterinarians together with other evidence of scholarly accomplishments and relevant expertise may be acceptable in lieu of an MS degree. A letter of application with curriculum vitae and contact information for 3 references should be sent to: Dr. John A. Schmitz, Department Head, Veterinary and Biomedical Sciences, University of Nebraska-Lincoln, PO Box 830905, Lincoln, NE 68583-0905. Review of applications will begin on April 1, 2001 and continue until the position is filled. Additional information about the Department can be found on the web at: <http://vbms.unl.edu> The University of Nebraska is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act. Contact Dr. Schmitz at 402/472-2952 for additional information.



Veterinary Virologist

The Ohio Department of Agriculture Animal Disease Diagnostic Laboratory is seeking applicants for the position of Veterinary Virologist. The incumbent's responsibilities as Section Head of the Virology Lab include supervising microbiology staff in the performance of virus isolation and identification, fluorescent antibody, ELISA, VN, HI, electron microscopy and molecular techniques. Duties also include interpreting and correlating test results, developing new diagnostic test applications, consulting with practitioners, producers and state/federal officials, and overseeing the section's quality assurance program. Program emphasis areas include poultry and swine. The position provides opportunity for adjunct faculty status with the Ohio State University Department of Veterinary Preventive Medicine. Collaboration with veterinary diagnostic personnel including the Ohio State University College of Veterinary Medicine and Ohio Agriculture Research and Experiment Station is encouraged.

The Animal Disease Diagnostic Lab is located at the 100 acre Ohio Department of Agriculture complex. Which has recently completed a \$31 million capital improvements project. The 1999 ADDL building renovation/addition provides state-of-the-art necropsy and laboratory space. The lab is accredited by the American Association of Veterinary Laboratory Diagnosticians.

Qualifications for this position include completion of a graduate program in veterinary microbiology from an AVMA accredited college of veterinary medicine license to practice medicine issued by the Ohio Veterinary Medical Board; accreditation under DFR, Title 9, Part 161 issued by the USDA. Board certification or eligibility in the ACVM is required. PhD is preferred.

Candidates should submit curriculum vitae and names of 3 references with a letter expressing their professional interest and goals to Dr. Beverly Byrum, Laboratory Director, Animal Diseases Diagnostic Laboratory, Ohio Department of Agriculture, 8995 East Main Street, Reynoldsburg, OH 43068. Phone (614) 728-6220, Fax (614) 728-6310 or e-mail byrum@odant.agri.state.oh.us. The Ohio Department of Agriculture is an equal opportunity/affirmative action employer.

Faculty Position in Avian Disease

The Department of Pathobiology, Texas A&M University, invites applications for a tenure track faculty position in Avian Diseases. The successful applicant will be actively engaged in research in avian virology, parasitology, or bacteriology. This position is a joint appointment (25%) with the Department of Poultry Science and the successful applicant will be responsible for teaching poultry diseases to veterinary medical students. Additional details about the position, the Department of Pathobiology and Texas A&M University can be obtained from the Pathobiology web site at <http://vtpb-www.cvm.tamu.edu>. Applicants should possess a DVM/PhD or PhD. A letter of application with curriculum vitae, reprints of three recent publications and contact information for three references should be sent to: Chair, Avian Disease Search Committee, Department of Pathobiology, Texas Veterinary Medical Center, Texas A&M University, College Station, TX 77843-4467. Applications will be received until the position is filled. Texas A&M is an Equal Opportunity Employer committed to excellence through diversity.

**Director of Clinical Research, (DVM, PhD)**

Animal Health for our client who is the Animal Health unit of a worldwide pharmaceutical company and ranks fifth in global animal health markets. Growth is being generated by new products, entry into new markets, expanded research and distribution capabilities as well as establishment of a move comprehensive global organization.

Seeking an experienced Director of Clinical Research to manage clinical programs at their research farms. The selected individual will establish clinical programs for product registrations and launches at three research farms and supervise a staff of 32. This is a senior level position with significant managerial responsibility and technical scope. The successful candidate will combine strong leadership skills, good clinical research experience and well-developed communications and interpersonal skills. Career growth includes R & D opportunities. Frequent domestic travel and some international travel will be required.

Ten plus years of animal health industry experience including five in clinical research, either in a corporate environment or in an academic setting involved with clinical research for a pharmaceutical company. Good knowledge of field veterinary medical practices, US and international regulatory requirements. Demonstrated skills in the development and implementation of clinical programs to support product registration and launches. Direct involvement in the registration process and strategy. Well-developed leadership skills and the ability to supervise a substantial professional and support staff. Administrative skills. DVM OR PhD. Executive compensation package including substantial profit sharing, stock options and incentives.

Recruiter: Pamela Siedlecki, FCI, Inc. (executive search), 621 Shrewsbury Avenue, Shrewsbury, NJ 07702. 732/576-8522 Phone; 732/576-8098 Fax; fci@peoplepc.com

City Research Scientist III

For those interested, The NYCDOH is posting a position which will be actively involved in animal surveillance for West Nile virus in 2001, and other vector-borne disease surveillance into the future. For more information, or to submit resume, contact Adrienne Warren at awarren@health.nyc.gov Work Location: 125 Worth Street, New York, N. Y. Civil Service Title: City Research Scientist III. Title Code No.: 21744 Salary: \$62,242 - \$75,229.

Job Description: Candidate will manage the Animal Host Surveillance Unit within the Office of Vector Surveillance and Control. Oversee Research Scientists (I and II), Public Health Sanitarians and Staff Analysts in the design and implementation of protocols for arthropod-borne disease surveillance in animals. Oversee research and investigations into suspected cases or outbreaks of diseases transmitted by arthropods and publish associated findings. Make recommendations to Assistant Commissioner and other high level staff. Develop standards and share research information with scientists and Program Directors from other state, local and federal agencies. Oversee surveillance and laboratory testing of dead birds, live wild birds, other mammals and sentinel animals. Responsible for collection, management and analysis of surveillance data. Work with the Office of Veterinary Public Health Services to develop and maintain an information exchange network with the New York City and State veterinary community and The New York Zoological Society to track arthropod-borne diseases in birds and mammals. Participate in conferences, meetings and seminars on arthropod-borne disease surveillance and control. Preferred Skills It is desired that candidates have experience in veterinary public health and knowledge of arthropod-borne diseases and disease outbreak investigation.



EMPLOYMENT OPPORTUNITY



Intervet Inc., the world's third largest animal health company is a global leader in animal health care products. Intervet develops, manufactures and markets animal health care products worldwide, including vaccines, pharmaceuticals and feed additives for livestock, poultry, horses and companion animals. The following **immediate full-time opening** is at its Millsboro, Delaware, facility:

Clinical Research Veterinarian: Requires a DVM specializing in lab animal or small animal (canine, feline) medicine and must be able to achieve licensure within the state of Delaware. Knowledge of large animals and poultry, and their diseases is beneficial. Individuals with advanced graduate degrees in disease research will be given priority. Good interpersonal, communication (both written and oral) and organizational skills are essential. Must be able to work in a team environment. Knowledge of governmental regulations, including USDA licensure is desirable, knowledge of the Animal Welfare Act is essential. Individuals must be physically capable of handling, examining and treating laboratory animals of all species.

This professional will oversee the care and use of laboratory animals at Intervet Inc. to ensure that humane, legal, ethical, and efficient research and development is conducted.

Intervet Inc. is a subsidiary of **AKZO NOBEL**, a multinational company employing 86,000 people in more than 70 countries. **Intervet offers competitive wages, excellent working environment & outstanding benefits, effective on hire date, including vacation, holidays, tuition reimbursement, 401K w/Co. match, retirement, medical, dental, disability & life insurance.** EOE. For additional information call 800-992-8051 x4274. To apply, forward resume to:

Human Resources Department
Intervet, Inc
PO Box 318
Millsboro, DE 19966-0318
email: pat.townsend@intervet.com
FAX: (302) 934-4205



AKZO NOBEL



Poultry Health Management Residency Master of Specialized Veterinary Medicine

The North Carolina State University College of Veterinary Medicine (NCSU-CVM) Department of Farm Animal Health and Resource Management is offering a unique opportunity for post-veterinary professional development: a combined Residency in Poultry Health Management and Master of Specialized Veterinary Medicine. Successful completion of this 24-month program will result in certification of Residency completion and a non-thesis Master's degree. This program provides post-veterinary training in the identification and control of factors impacting poultry health and production. Goals of the program are to prepare veterinarians for productive roles in the modern poultry industry and provide experiences, which enhance eligibility for certification by the American College of Poultry Veterinarians. Poultry Health Management residents/graduate students will participate in (1) field investigations and research related to poultry health management and disease prevention, (2) application and interpretation of laboratory diagnostic technology (e.g. serology, microbiology, molecular biology, pathology) and epidemiology (3) teaching activities of the Poultry Health Management faculty, 4) production of commercial turkey and broiler flocks at the NCSU-CVM Teaching Animal Unit, and (5) use of computers for word processing, presentations, data management, and statistical analyses.

The Poultry Health Management program makes use of resources at the College of Veterinary Medicine, NCSU Poultry Science Department and Poultry Cooperative Extension Service, North Carolina Department of Agriculture Animal Disease Diagnostic Laboratories, and integrated poultry production companies.

Applicants must submit (1) application form, (2) letter of intent, (3) transcripts of university and veterinary college performance, (4) curriculum vitae or resume, and (5) three letters of recommendation by 1 February 2001 to be eligible for the Poultry Health Management program beginning 1 July 2001. For further information and application materials contact the Director of Student Services, Ms. Cindy DeLuca at the College of Veterinary Medicine, North Carolina State University, 4700 Hillsborough St., Raleigh, NC 27606 (phone 919-513-6203; FAX 919-513-6452, email cindy_deluca@ncsu.edu). Interested individuals are invited to visit our NCSU-CVM Poultry Health Management web pages: <http://www.cvm.ncsu.edu/info/departs/fae/PHM/>.

North Carolina State University is an affirmative action/equal opportunity employer.

RESIDENCY/GRADUATE PROGRAM IN POULTRY MEDICINE

The Maryland campus of the Virginia-Maryland Regional College of Veterinary Medicine invites applications for a combined 3-year residency/M.S. graduate study position in poultry medicine starting June 1, 2001. Applications will be evaluated beginning March 15, 2001 until a suitable candidate has been identified. Minimum qualifications include a Doctorate of Veterinary Medicine. Admission to the Graduate School at the University of Maryland is a requirement for acceptance to the residency program. Selection of residents for this competitive program will be based on academic performance, experience, career goals, and letters of recommendation. Appointment provides support for 3 years to complete the residency program and a current graduate program leading to a Master of Science degree in Veterinary Medical Sciences. Applicants already possessing a Master's degree may take additional coursework towards a PhD degree; however, completing a PhD will generally require 2 or more years of work beyond the completion of the residency. Annual salary starts at \$25,633 plus health benefits and payment of tuition. The program offers post-veterinary training in the prevention, diagnosis, treatment, and control of diseases and other factors that affect poultry health and production. Its main goals are to prepare the post-D.V.M. student for a productive career in the poultry industry or in poultry research, and provide broad experience that will enhance eligibility for certification with the American College of Poultry Veterinarians. The program also aims to train individuals for veterinary careers in the rapidly expanding global poultry industry. The resident/graduate student is expected to participate in: 1) complete diagnostic work-up of cases submitted to state laboratories, 2) disease outbreak and other field investigations, 3) clinical teaching of senior veterinary students, 4) design and completion of a research project related to poultry health and disease prevention and, 5) preparation of a research paper for publication in a peer-reviewed journal and presentation in a national scientific meeting (e.g., American Association of Avian Pathologists).

Interested individuals should apply for admission to the Graduate School of the University of Maryland (Office of Graduate Admissions, Graduate School, 2125 Lee Building, University of Maryland, College Park, Maryland 20742; e-mail: gradmit@deans.umd.edu; online application website: <http://www.gradschool.umd.edu/catalog>). Concurrently, applicants should submit a letter of intent, curriculum vitae, current academic transcripts, GRE scores, TOEFL scores (for international applicants) and three letters of recommendation to the Director, Veterinary Medical Sciences (VMSC) Graduate Program, 8075 Greenmead Drive, College Park, Maryland 20742-3711; e-mail: vmscgrad@deans.umd.edu. International candidates are encouraged to apply. The deadline for application to the Graduate School for Fall Semester 2001 is February 1, 2001.

The Virginia-Maryland Regional College of Veterinary Medicine, University of Maryland Campus is an affirmative action/equal opportunity employer.