

ACPV Application for Emeritus Membership

Name: Dr. Peter Gazdzinski

Address:

799 Barclay RD
LONDON, Ontario N6K 3H5
Canada

Email: peter_gazdzinski@yahoo.ca

Phone: (519) 473-6645

Birthplace: Poland

Birth date: 11/4/1949

Citizenship/Permanent Residency: Canada

Additional Information

How long have you been a member of ACPV?: 30

Resume of your experience in avian medicine:

(Recent positions, please give employer name, title, type of work and years spent)

See below.

What are you doing now?:

I retired from Cuddy Farms Ltd in November 2021. I have been working for Cuddy Farms for 34 years. My last position was Director of Veterinary Services. I have been responsible for veterinary service of all turkeys and chicken farms in Canada and customer service world-wide. Currently I am doing sporadic consultation work .I am planning to write a book on turkey diseases.

Other Comments:

I have PhD degree and Diploma in Pathology from University of Guelph. I am trying to be current on all issue related to poultry pathology.

PROFESSIONAL EXPERIENCE

PETER GAZDZINSKI DVM, Ph.D, DIP.PATH, DACPV

*799 Barclay Rd.
London, Ontario
N6K 3H5*

Home: (519) 473-6645

Cell: (519) 200-6095

E-mail: peter_gazdzinski@yahoo.ca

EDUCATION:

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|-----------|---|--|
| 2010 | * | PAACO Certified Auditor for Poultry Welfare |
| 2007 | * | Canadian Veterinary Reserve -Certificate of completed training on Emergency Management for Foreign Animal Diseases - CFIA |
| 2005 | * | Training on Poultry Foreign Animal Disease – USDA Ames, Iowa |
| 1992 | * | Graduate Diploma in Avian Pathology, O.V.C., Department of Pathology, University of Guelph. |
| 1992 | * | Diplomate of American College of Poultry Veterinarians |
| 1992 | * | Registered Member of the College of Veterinarians of Ontario (Ontario Veterinary Association) |
| 1973-1979 | * | Ph.D.
Specialty: Poultry Virology
-The Veterinary Research Institute, Pulawy, Poland
Thesis:
“The attenuation of duck hepatitis virus and evaluation of its usefulness for duckling immunization” |
| 1967-1973 | * | D.V.M.
-Veterinary College, Agriculture University, Warsaw, Poland |

EMPLOYMENT HISTORY AND WORK EXPERIENCE:

- 1996 to present * **CUDDY FARMS**
Strathroy, Ontario
Position: Director of Veterinary Services
- 1987-1996 * **CUDDY FARMS**
Strathroy, Ontario
Position : Staff Veterinarian

Areas of Responsibility of the two above positions:

- Monitoring, troubleshooting and maintaining breeder flock health (turkey and chickens)
- Piloting salmonella eradication program
- Providing diagnostic services – postmortem examination with bacteriological, serological and histopathological examinations
- Prescribing courses of treatment
- Enhancing preventive and vaccinations programs
- Monitoring farm and hatchery conditions including biosecurity program
- Managing the Cuddy Veterinary Laboratory with 4 Lab Technicians.
- Providing health related training to production staff
- Providing technical service to customers in North America and Europe
- Presenting papers at customer seminars
- Proposing, designing and executing research projects
- Collaborating on research projects with University of Guelph and other Universities
- Preparing health certificates for exports
- Contributing to the implementation of the ISO 9002 program

- 1982-1986 * **VETERINARY DEPARTMENT**
University of Batna
Batna, Algeria
Position: Visiting Professor

- 1978-1982 * **VETERINARY RESEARCH INSTITUTE**
Department of Poultry Diseases
Pulawy, Poland
Position: Assistant Professor

Areas of Responsibility of the two above positions:

- Teaching poultry diseases and microbiology to students and running practical clinics
- Designing and executing research projects on poultry diseases
- Providing diagnostic services for all avian species
- Extending diagnostic tests for poultry diseases

EMPLOYMENT HISTORY - Continued

- Lecturing to poultry veterinarians at specialized courses
- Evaluating imported poultry vaccines
- Supervising veterinary postgraduate students

1973-1978 * **VETERINARY RESEARCH INSTITUTE**
 Department of Poultry Diseases
 Pulawy, Poland
Position: Research Assistant

FELLOWSHIPS AND AWARDS:

1991-1992 * **Nicholas Fellowship**, Cuddy International Corporation

1984 * **First Prize** of the Minister of Agriculture in Poland for an Elaboration of diagnostic antigens in the detection of viral diseases in poultry

1981 * **Research Award** of the Polish Society of Veterinary Sciences

1976 * **FAO fellowship** at the Veterinary Laboratory IFFA-Merieux, Lyon, France –Management and testing of chicken SPF flocks

1975 * **FAO fellowship** at MAFF Veterinary Laboratory, Lasswade, Scotland – Project on evaluation of IB vaccines in chickens

1971 * **Practicum** at Veterinary School, Cureghem, Belgium
 Veterinary Students exchange program

MEMBERSHIPS:

- * The College of Veterinarians of Ontario
- * Ontario Association of Poultry Veterinarians
- * Member of Faculty of Postgraduate Studies U of G
- * American College of Poultry Veterinarians
- * American Association of Avian Pathologists
- * World Veterinary Poultry Association
- * World Poultry Science Association
- * Association of Veterinarians in Turkey Production

* Canadian Veterinary Reserve - CFIA

LANGUAGES:

* Proficient in both written and spoken: English and Polish, able to communicate in French and Russian

VOLUNTARY WORK IN PROFESSIONAL ASSOCIATIONS:

- Advisor in the Faculty of Postgraduate Studies University of Guelph
- Member of working group of Ontario Association of Poultry Veterinarians
- Reviewer of research projects for Poultry Industry Council

SCIENTIFIC JOURNAL PUBLICATIONS:

1. Gazdzinski P., Winter ventilation in turkey production. Canadian Poultry. December 2008
2. Gazdzinski P., Brooding management of turkey poults. Canadian Poultry. March-April 2008.
3. Gazdzinski P., Stress and Osteomyelitis in turkey production. Canadian Poultry. 28-29, June 2008.
4. Gazdzinski P., Barnes J. Veneral Colibacillosis (Acute Vaginitis) in turkey breeder hens. Avian Dis. 48 : 681-685, 2004.
5. Kang M.S., Gazdzinski P., Kleven S.M. Virulence of Recent Isolates of Mycoplasma synoviae in Turkeys. Avian Dis 46:102-110, 2002.
6. Julian R.J., Gazdzinski P. Lameness and Leg problems. World Poultry -Special Edition-Turkey Health 24-31, 2000.
7. Cassar G., Mohammed M., John T.M., Gazdzinski P. Etches R.J. Differentiating between parthenogenetic and "Positive Development" embryos in turkeys by molecular sexing. Poultry Science 77:1463-1468, 1998.
8. Gazdzinski P. Leg problems in turkey poults at brooding time. Turkeys 18-22, 1997.
9. Gazdzinski P., Squires E.J., Julian R.J. Hepatic Lipidosis in Turkeys Avian Dis 38:379-384, 1994.
10. Gazdzinski P., Reidy T., Vaillancourt J.P., Julian R.J. The relation of egg specific gravity to the incidence of Spontaneous Cardiomyopathy in turkey toms. Avian Dis 37: 993-1000, 1993.
11. Gazdzinski P., Julian R.J. Necrotic enteritis in turkeys. Avian Dis 36:792, 1992.
12. Gazdzinski P., Macdonald J.W., McMartin D.A. The agar gel precipitin response to the H-120 and H-52 vaccine strains of infectious bronchitis virus. Avian Pathology 6:143, 1977.

SCIENTIFIC JOURNAL PUBLICATIONS - Continued

13. Macdonald J.W., Randall C.J., McMartin D.A., Dagless M.D., Gazdzinski P. Active and passive immunization against nephritis induced by an avian infectious bronchitis virus. *Avian pathology* 10:121, 1981.
14. Roszkowski J., Gazdzinski P., Kozaczynski W., Bartoszcze M. Application of the immunoperoxidase technique for the detection of Derzsy's disease virus antigen in cell culture and goslings. *Avian Pathology* 11:571, 1982.
15. Gazdzinski P. the attenuation of duck hepatitis virus and an evaluation of its usefulness for duckling immunization. Studies on application of the attenuated strain of DHV for vaccination of ducklings, *Bull.Vet. Inst (Pulawy)* 25:89, 1979.
16. Gazdzinski P., Cakala A. Viral disease of goslings. *Zycie Wet* 3:1974.
17. Cakala A., Samorek-Dzieskanowska E., Gazdzinski P. Evaluation of the effectiveness of Polish vaccine against marek's disease under field condition. *Medycyna Wet* 31:12, 1975.
18. Gazdzinski P., Cakala A. Application of the radial immunodiffusion test for detection of 2 infections with MDV in poultry. *Medycyna Wet* 32:12, 1975.
19. Gazdzinski P. Infectious serositis in ducks. *Medycyna Wet* 34:4, 1978.
20. Gazdzinski P., Minta Z. A case of infectious serositis in ducks. *Medycyna Wet* 34:4, 1978.
21. Gazdzinski P., Cakala A. Studies on the incidence of specific antibodies against DHV in domestic ducks. *Medycyna Wet* 34:5, 1978.
22. Roszkowski J., Kozaczynski W., Gazdzinski P. The effect of attenuation on the pathogenicity of duck hepatitis: Histopathological study. *Bull.Vet. Inst. (Pulawy)* 24:41, 1980.
23. Gazdzinski P., Infectious inflammation of the penis and cloaca in geese. *Medycyna Wet* 37:53, 1981.
24. Gazdzinski P. Incidence of antibodies against EDS-76 in Polish poultry farms. *Medycyna Wet* 37:172, 1981.
25. Salamonowicz E., Gazdzinski P. Replication of A-127 virus in cell culture and embryos of different bird species. *Medycyna Wet.* 37:715, 1981.

PRESENTATIONS AT SCIENTIFIC AND INDUSTRY MEETINGS:

1. Gazdzinski P. Factors affecting early poult start. – Hatchery Education Day, Guelph Ontario, October 2021.
2. Gazdzinski P. Vaccination of turkeys with Immucox. –Michigan Turkey Growers Meeting, Grand Rapid Michigan, October 2019.
3. Gazdzinski P. Salmonella control at the farm level – Food Safety Symposium – “Salmonella the next frontier”. Guelph Ontario, September 2017.
4. Gazdzinski P. Unexplained egg production drops in turkey breeders. – Association of Veterinarians in turkey production (AAAP), San Antonio Texas July 2016.
5. Gazdzinski P. Coccidiosis in turkeys – Atlantic Poultry Meeting, Halifax NS November 2016.
6. Gazdzinski P. Nocardiosis in turkey poults. – 10th Turkey Science and Production Conference, Chester UK. March 2016.
7. Gazdzinski P. Eastern poultry health update. - Western Poultry Meeting, Banff Alberta, October 2015.
8. Gazdzinski P. Experiences with control of hepatic lipidosis in turkeys. – 8th Turkey Science and Production Conference, Chester UK. March 2014
9. Gazdzinski P. Brooding management of turkey poults. – CEVA Summer Meeting, Guelph Ontario, June 2014.
10. Gazdzinski P. Turkey production in Russia. – Ontario Association of Poultry Veterinarians. Guelph Ontario, April 2013.
11. Gazdzinski P. History of HPAI - H5N2 in Canada. – Atlantic Poultry Meeting, Halifax NS. November 2012.
12. Gazdzinski P. Light spectrum in turkeys – Influence on reproduction. – Turkey Reproduction Meeting, Raleigh NC, May 2010.
13. Gazdzinski P. Salmonella control on the farm – A bigger challenge than you think. Salmonella Education Day - Canadian Poultry and Egg Processors Council. Ottawa February 4th 2009.

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14. Gazdzinski P. Necrotic enteritis in turkeys- Ontario Update- Technical Conference of Ontario Association of Poultry Practitioners. Guelph, Ontario May 27-28, 2008.
 15. Gazdzinski P. Brooding management and early mortality in turkey poults. Meeting of AVIA group in Drummondville, Quebec. April 3, 2007.
 16. Gazdzinski P. Swine influenza H3N2 in turkey breeder hens. Joint meeting of swine and turkey veterinarians. Guelph, November 2006.
 17. Gazdzinski P. Streptococcal septicemia in turkey poults. Northeastern Conference on Avian Diseases. University of Guelph June 2006.
 18. Gazdzinski P. Brooding management of turkey poults. Ontario Poultry Industry Information Meeting-OMAFRA. St.Catharines, May 2005
 19. Gazdzinski P. Salmonella control in turkeys at farm level. 5th International Symposium on Turkey Diseases. Berlin, Germany, 2004.
 20. Gazdzinski P. Turkey Health Update. Ontario Health Poultry Conference, Kitchner Ontario, 2003
 21. Gazdzinski P. Coccidiosis Control in turkeys: A global review. Ontario Health Poultry Conference. Kitchener, Ontario, 2002.
 22. Gazdzinski P., Barnes J. Veneral Colibacillosis (Acute vaginitis) in turkey breeder hens. 51st Western Poultry Diseases Conference, Puerto Vallarta, Mexico, 2002.
 23. Gazdzinski P. Hepatic Lipidosis in turkey hen breeding candidates. Midwest Poultry Federation Convention. St. Paul, Minnesota, 2002.
 24. Gazdzinski P. Hepatic Lipidosis in turkey hen breeding candidates. 24th Technical Turkey Conference. Manchester, UK, 2001.
 26. Gazdzinski P., Hunter B. Hypothyroidism in turkey breeder candidate hens. 3rd International Symposium on Turkey Diseases. Berlin, Germany, 2000.
 27. Gazdzinski P. Turkey Health Update. Ontario Health Poultry Conference. Kitchener, Ontario, 2000.
 28. Julian R.J., White M., Gazdzinski P. Efficacy of vaccination to control turkey coccidiosis. 2nd International Symposium on Turkey Diseases. Berlin, Germany, 1999.
 28. Gazdzinski P. Leg problems in turkeys. Ontario Academy of Avian Medicine. Guelph Ontario, 1997.

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29. Gazdzinski P. Breast Blisters in turkeys – Etiology and Prevention. Ontario Poultry health conference. Kitchener, Ontario, 1997.
 30. Gazdzinski P. Broiler Improvement Guide – Manual for Chicken Growers
 31. Gazdzinski P. Update on Sixteenth technical turkey conference. Ontario Academy of Avian medicine. Guelph, Ontario, 1993.
 32. Gazdzinski P. Spontaneous Turkey Cardiomyopathy, Etiology and prevention. 16th Technical Turkey Conference. Buxton, England, 1993.
 33. Gazdzinski P. Necrotic enteritis in Turkeys. Ontario Academy of Avian Medicine. Guelph, Ontario, 1991.
 34. Gazdzinski P. Transmission of NDV antibodies from turkey hen to egg and poult. 62nd Northeastern conference on Avian Diseases. Guelph, Ontario, 1990.
 35. Gazdzinski P. Bordetella avium Infection in turkey breeder flocks. Ontario Academy of Avian Medicine. Guelph, Ontario, 1989.
 36. Gazdzinski P. Fatty liver degeneration syndrome in turkey breeder hens. General Federal-Provincial conference on diseases of Poultry. Ottawa, Ontario, 1988.
 37. Gazdzinski P. Immunosuppression in turkeys caused by vaccination with hemorrhagic enteritis virus. Ontario Academy of Avian Medicine. Guelph, Ontario, 1988.
 38. Gazdzinski P., Ncib A. Marek's disease in Algeria. Troisiemes Journees Maghrebines Veterinaires. Algiers, Algeria, 1985.
 39. Gazdzinski P., Cakala A. Serological examination of goose breeding flocks in Poland. VII International Congress of the WVPA. Oslo, Norway, 1981.
 40. Roszkowski J., Gazdzinski P., Kozaczynski W. The application of the immunoperoxidase technique for the detection of viral antigen in cell culture and goslings infected with Derzsy disease virus. VII International Congress of the WVPA. Oslo, Norway, 1981.
 41. Gazdzinski P., Cakala A. Studies on the course of duck hepatitis virus infection in goslings. International Conference on Goose Breeding. Torun, Poland, 1979.
 42. Gazdzinski P. The attenuation trials of a field strain of duck hepatitis virus. VI Congress of Polish Society of Veterinary Science. Wroclaw, Poland, 1978.
 43. Gazdzinski P. Characteristics of the virus agent responsible for Derzsy's disease in goslings. III Poultry Symposium. Wroclaw, Poland, 1976.

44. Gazdzinski P. Precipitating antibody response to a different strain of infectious bronchitis virus. Avian Immunology Research Discussion Group. Edinburgh, UK, 1976.

45. Gazdzinski P. Incidence of viral antigen in feather follicles of chickens infected with virulent strain of MDV. XVIII Congress of the Polish Society of Microbiologists. Lublin, Poland, 1985.

46. Gazdzinski P. High mortality in flocks of goslings caused by viral infection. V Congress of the Polish Society of Veterinary Sciences. Olsztyn, Poland, 1974.

PUBLICATIONS IN INDUSTRY BULLETINS:

1. Gazdzinski P. Hot Weather Management in Turkey Production. The Feather File, 2008.
2. Gazdzinski P. Success demands that programs be individually customized for Salmonella Control. The Feather File, 1999.
3. Gazdzinski P. Good diet, faster diagnosis reduces mortality rates in rickets. The Feather Files, 1998.
4. Gazdzinski P. Precise timing critical factor when scheduling vaccinations. The Feather File, 1997.
5. Gazdzinski P. Timing crucial to prevent drug residue in turkey meat. The Feather File, 1997.
6. Gazdzinski P. How to control exposure of turkeys to large roundworms. The Feather File, 1996.
7. Gazdzinski P. Vaccination against coccidiosis in turkeys. The Feather File, 1995.
8. Gazdzinski P. How to reduce the incidence of Round Heart. The Feather File, 1994.
9. Gazdzinski P. E. coli disease in poultry. The Feather File, 1994.

ACPV Application for Emeritus Membership

Name: Dr. David Castellan

Address:

7308 Bryn Athyn Way

Apt 278

Raleigh, North Carolina 27615

United States

Email: dmcastellan@yahoo.com

Phone: 1-619-398-5843

Birthplace: Canada

Birth date: 7/15/1953

Citizenship/Permanent Residency: United States

Additional Information

How long have you been a member of ACPV?: 17

Resume of your experience in avian medicine:

(Recent positions, please give employer name, title, type of work and years spent)

See below.

What are you doing now?:

I am a Senior Fellow in Epidemiology at Texas A&M Institute for Infectious Animal Diseases and have been doing brief consultancies since 2015. I will fully retire on June 17, 2022.

Other Comments:

Curriculum Vitae

David M. Castellan, DVM, MPVM

Diplomate, American College of Veterinary Preventive Medicine

Diplomate, American College of Poultry Veterinarians

dmcastellan@yahoo.com

<https://www.linkedin.com/in/david-castellan-consulting>

Summary

Education, training and employment reflect a commitment to preventive veterinary medicine and animal health with emphasis in epidemiology and international capacity development. Career focus is to promote animal health and productivity, on-farm food safety, food security and applied field epidemiology training to safeguard human, animal and environmental health and resilience through evidence-based decision making and sustainable solutions under a One Health approach.

Education

2002 – 2005 University of California, Davis, CA

Poultry Residency Program

- Specialization in Poultry Medicine

1996 – 1997 University of California, Davis, CA

Master of Preventive Veterinary Medicine

- Specialization in Veterinary Epidemiology and Food Safety

1982 – 1987 University of Guelph, Guelph, ON

Doctor of Veterinary Medicine

- Emphasis in Veterinary Medicine and Surgery

1975 – 1978 University of Guelph, Guelph, ON

Bachelor of Science (Honors)

- Emphasis in Zoology and Agriculture

Professional Appointments

- Senior IIAD Fellow in Epidemiology, Texas A&M University (2020-present)

Employment History

September 2015 to present

International Veterinary Epidemiology Consultant

- Provide consulting service to clients related to epidemiology, poultry, sustainable and resilient animal production, capacity development as well as population and system health. Clients include:
 - International Development Research Center (IDRC), (2015-16) – Livestock Vaccine Innovation Fund;
 - Inter-American Institute for Cooperation on Agriculture (IICA), (2016) – 10th EDF SPS Project implementation in seven Caribbean Islands;
 - Institute for Infectious Animal Diseases, Texas A&M University (2018 – present)– Frontline ISAVET Development in 14 GHSA African countries and SADC countries;
 - Food and Agriculture Organization of the United Nations (FAO), (2000-present) – Phase I and Phase II Development of the Field Training Program for Wildlife, Ecosystems, Biodiversity and

- Environment (FTP-WEBE) under a One Health approach in Asia and Africa; Development of a FTP-WEBE Policy Brief for the FAO Investment Centre;
- World Organisation for Animal Health (OIE), (2021)- Tripartite One Health Field Epidemiology Competency Guidelines.

June 2018 to November 2020

Veterinary Epidemiologist, Institute for Infectious Animal Diseases, Texas A&M University

- Technical lead for the Frontline In Service Applied Veterinary Epidemiology Training (ISAVET) programme in Africa under the GHSA;
 - Lead the development of curriculum and training materials for ISAVET;
 - Lead country Scoping Missions and Needs and Readiness Assessments;
 - Liaise and collaborate with FAO and Public Health (U.S. CDC, TEPHINET) on veterinary epidemiology capacity development under a One Health approach;
 - Coordinate the development of Frontline ISAVET Manuals for Trainers, Mentors and Trainees;
 - Serve as a member of the FAO Technical Advisory Group for Veterinary Field Epidemiology Training;
 - Serve as lead classroom trainer for ISAVET and coordinate field work exercises with trainees;
- Technical lead for funding and project proposals, study design

January 2008 to July 2015

FAO, Regional Office for Asia and the Pacific, Bangkok, Thailand

Senior Veterinary Epidemiologist, OSRO/RAS/604/USA

- Lead the program and curriculum development of the Field Epidemiology Training Program for Veterinarians (FETPV) in the Region of Asia and the Pacific;
- Assess the current situation of HPAI and other major TADs in the country and elaborate an overview of risks for disease spread to other areas within and outside the country, including the role of wildlife birds, animal movements (controlled and uncontrolled) and other risk factors and descriptive analytical work on livestock production systems;
- Estimate the epidemiological and poultry disease surveillance capacity, particularly for HPAI, and assist in strengthening these capacities;
- Prepare an overview of the development of a surveillance programme for the prevention and control of HPAI and other major TADs and assist with the identification of inputs required for implementation of this activity;
- Evaluate current veterinary epidemiology capacity, disease reporting systems and needs and provide training and technical advice to national staff on the principles and practices of disease surveillance analysis and reporting;
- Provide support and technical advice to field investigation teams on disease investigation methodologies and the organisation of sample collection, packing, transporting and delivery to the laboratory;
- Conduct the analysis of disease reporting and interpretation of surveillance studies and risk analysis for decision makers;
- In collaboration with national counterparts, assess the short and medium-term epidemiology training needs to develop and sustain investigation and surveillance for HPAI, other major TADs and EIDs;
- Lead country missions and conducting field assessments at country request;
- Participate or lead Crisis Management Centre (CMC)/Animal Health missions;
- Key Operational Outputs: 1) Field Epidemiology Training Program for Veterinarians (FETPV); 2) Vaccination Planning Tool for Avian Influenza; 3) Epidemiology Capacity Development Mapping Tool 4) Tripartite Joint Risk Assessment Methodology
- Act as Regional Manager, Officer-In-Charge for FAO ECTAD.

January 2007 to June 2008

Canadian Food Inspection Agency, Ottawa, ON Canada

Senior Staff Veterinarian, Animal Health Division

- Develop and plan implementation strategies for Avian Influenza in Canada as part of the Avian Influenza Working Group to address preparedness for Avian Influenza in Canada;
- Provide technical expertise related to Avian Influenza; write briefs for executive staff; review scientific proposals and studies related to avian influenza (AI); assess surveillance and manpower preparedness; coordinate operational aspects of preparedness and implementation with program staff and area AI coordinators across Canada; participate in meetings and conference calls related to AI; review and contribute to international initiatives related to avian and human pandemic influenza; deliver presentations related to poultry health and AI.

September to December 2006

Yangon, Union of Myanmar

FAO Veterinary Epidemiologist, Project OSRO/RAS/602/JPN

- Revise the national contingency plan for control of HPAI H5N1, develop standard operating procedures, conduct simulation exercises to implement standard operating procedures, lead workshops to develop national consensus on vaccination policy and early detection, reporting and investigation mechanisms (including a wet lab) and promote seamless information flow;
- Liaise with representatives from national agencies, FAO, WHO and UNICEF and donors in support of mission objectives;
- Prepare funding proposal to the World Bank to support sustainable improvements to control efforts for transboundary diseases and improve long-term veterinary infrastructure in the Union of Myanmar.

May to June 2006

FAO, Cairo, Egypt

FAO Technical Advisor

- Assess and make recommendations related to early detection and reporting mechanisms, effective coordinated and safe response, information sharing and vaccination;
- Support and develop compensation strategies, assess critical resource needs, coordinate risk communication strategies with national agencies, FAO, WHO and UNICEF and liaise with donors and technical assistance teams.

November to December 2005

FAO, Vientiane, Lao PDR

FAO Chief Technical Advisor, Project OSRO/RAS/505/USA Lao People's Democratic Republic

- Provide technical support and liaise with national and international agricultural and public health agency representatives;
- Recruit national technical consultants and operational personnel;
- Implement initial phase of project plan;
- Organize and facilitate training workshops to develop early detection and early warning system for avian influenza;
- Produce a final technical report with recommendations.

October 1997 to September 2006

California Dept of Food and Agriculture, Sacramento, CA

Animal Production Food Safety Epidemiologist/Program Team Leader

- Plan and coordinate field investigations pertaining to food borne pathogens with agricultural and public health officials;
- Coordinate and develop cooperative educational programs with public health and agricultural officials;

- Coordinate and support voluntary quality assurance programs (California Egg Quality Assurance Program), liaise with producers and agencies;
- Develop expertise and resources in food safety, write research grants, participate in pre-harvest food safety research, public speaking and assemble training materials in food safety;
- Coordinate epidemiological response and analysis of endemic poultry diseases and emergency disease outbreaks of Avian Influenza and virulent Newcastle disease in poultry;
- Conduct interviews with media representatives.

January 1994 to July 1996

Castellan Veterinary Services, Cornwall, ON/Abbotsford, BC

Veterinary Consultant

- Provide medical, surgical and consultative services as a consultant to small and large animal veterinary practices in Ontario and British Columbia, Canada.

January 1990 to July 1995

Agriculture & Agri-Food Canada, Cornwall, ON

Veterinarian, Animal Health

- Interpret and implement animal health and meat hygiene regulations, deliver project-based services within operational and personnel programs or consultative services;
- Diagnose clinical diseases, test animals for indigenous and foreign animal diseases, investigate, assess and analyse disease outbreaks, propose corrective action, provide written and oral reports and implement animal quarantines, conduct antibiotic residue investigations;
- International Border Inspection: Advise importers and exporters, inspect animals, commodities and products;
- Supervise and train office and technical staff for slaughter, food-processing and storage establishments;
- Make presentations and liaise with accredited veterinarians, agricultural groups and producers;
- Act as regional veterinary supervisor, Import/Export section (1992) and district veterinarian (1994);
- Participate in strategic planning and policy review exercises.

May 1989 to December 1990

Animal Hospital, Sault Ste Marie, ON

Veterinary Associate

- Provide medical, surgical and consultative services in a progressive small animal hospital.

September 1988 to May 1989

Dept. of Population Medicine Ontario Veterinary College, Guelph, ON

Veterinary Research Associate

- Assist with design and implementation of a province-wide sheep health and productivity study, design and administer questionnaire, design a post-mortem protocol to examine causes of lamb mortality.

May to December 1987

Collingwood Veterinary Services, Stayner, ON

Veterinary Associate

- Provide medical, surgical and consultative services in a progressive mixed animal practice.

Honors and Awards

- Co-Recipient of Vice President Gore's *Hammer Award* for Food Safety (1998)
- Recipient of *Superior Accomplishment Award*, California Department of Food and Agriculture (Ontario Avian Influenza Task Force, 2000)

- United States Department of Agriculture *Certificate of Appreciation, Exotic Newcastle Disease Task Force* (2004)
- *Certificate of Recognition*, CDFA Exotic Newcastle Disease Task Force (2004)
- American Veterinary Medical Association *Global Veterinary Service Award* (2020)

Professional Certificates, Licenses and Associations

Certificates

- Media Training for UN Managers - Food and Agriculture Organization of the United Nations (2011)
- Rapid Response Training – HPAI, Crisis Management Center, Food and Agriculture Organization of the United Nations (2007)
- American College of Poultry Veterinarians (2005 - Present)
- American College of Veterinary Preventive Medicine (1999 - Present)
- National Veterinary Examining Board Certificate of Qualification (1987, 1998)
- Dale Carnegie Certification in Human Relations and Public Speaking (1982)

Licenses

- California Veterinary Medical Board Veterinary License (Current)

Memberships

- American Veterinary Medical Association (AVMA) (Current)
- The Association for Veterinary Epidemiology and Preventive Medicine (Current)
- American Association of Avian Pathologists (AAAP)
 - AAAP Epidemiology Committee (Current)
- American College of Poultry Veterinarians (Current)
- United States Animal Health Association (Past affiliation)
 - Committee on Transmissible Diseases of Poultry and Other Avian Species
 - Committee on Foreign Animal Diseases
 - Salmonella Committee

Publications, Presentations and Teaching Contributions

Refereed Journals

Castellan, D.M. Maas, J.P. Gardner, I.A. Oltjen, J.W. and M.L. Sween. Growth of suckling beef calves in response to parenteral administration of selenium and the effect of dietary protein provided to their dams. *Journal of the American Veterinary Medical Association* 214: 816 – 821. 1999.

Castellan, D.M. Kinde, H. Kass, P.H. Cutler, G. Breitmeyer, R.E. Bell, D.D. Ernst, R.A. Kerr, D.C. Little, H.E. Willoughby, D. Riemann, H.P. Ardans, A. Snowdon, J.A. and D.R. Kuney. Descriptive study of California egg layer premises and analysis of risk factors for *Salmonella enterica* serotype *enteritidis* as Characterized by Manure Drag Swabs. *Avian Diseases* 48: 550-561. 2004.

Kinde, H. Castellan, D.M. Kass, P.H. Ardans, A. Cutler, G. Breitmeyer, R.E. Bell, D.D. Ernst, R.A. Kerr, D.C. Little, H.E. Willoughby, D. Riemann, H.P. Snowdon, J.A. and D.R. Kuney. The Occurrence and Distribution of *Salmonella enteritidis* and other serovars on California Egg Laying Premises: A comparison of Two Sampling Methods and Two Culturing Techniques. *Avian Diseases* 48: 590-594. 2004.

Kinde, H. Castellan, D.M. Kerr, D.C. Campbell, J. Ardans, A. and R.E. Breitmeyer. Longitudinal Monitoring of Two Commercial Layer Flocks and their Environments for *Salmonella enterica* Serovar Enteritidis and Other Salmonellae. *Avian Diseases* 49: 189-194, 2005.

Dhingra, M.S. Dissanayake, R. Negi, A.B. Oberoi, M. Castellan, D. Thrusfield, M. Linard, C. and M. Gilbert. Spatio-temporal epidemiology of highly pathogenic avian influenza (subtype H5N1) in poultry in eastern India. *Spatial and Spatio-temporal Epidemiology* 11 (2014) 45–57.

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Iamsirithaworn, S. Chanachai, K. Castellan, D.M. Chapter 9. Field Epidemiology and One Health: Thailand's Experience. *The One Health Paradigm*. Yamada, A., Kabn, L.H., Kaplan, B., Monath, Th.P., Woodall, J., Conti, L. (Eds.) Springer. 2014, VIII, 254 p.

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Conference Proceedings/Abstracts

Castellan, D. Low Pathogenic H6N2 Avian Influenza in California. *United States Animal Health Association Committee on Transmissible Diseases of Poultry and Other Avian Species, 2002.*

Shivaprasad, H.L. Charlton, B. Sommer, F. Cooper, G. Crespo, R. Woolcock, P. R. and D. Castellan. Avian Influenza H6N2 in California Broiler chickens and Turkeys *Western Poultry Disease Conference, 2003.*

Castellan, D. Low Pathogenic H6N2 Avian Influenza in California. *Western Poultry Disease Conference, 2003.*

Castellan, D. Diagnosis of Exotic Newcastle Disease in Southern California. *American Association of Veterinary Laboratory Diagnosticians, 2003.*

Castellan, D. Exotic Newcastle Disease in Southern California During 2002-2003. *United States Animal Health Association Committee on Transmissible Diseases of Poultry and Other Avian Species, 2003.*

Castellan, D. Status of Low Pathogenic H6N2 in California. *United States Animal Health Association Committee on Transmissible Diseases of Poultry and Other Avian Species, 2003.*

Kindem H. Uzalm F. Heitalam S. Read, D. Ardans, A. Odani, J. Barr, B. Daft, B. Blanchard, P. Moore, J. McFarland, M. Charlton, B. Shivaprasad, H. Chin, R. Rezvani, M. Sommer, F. Zellner, D. Moeller, R. Anderson, M. Woods, L. Pesavento, P. Cortes, P. Woolcock, P. Breitmeyer, R. Castellan, D. and L. Garber. The Diagnosis of Exotic Newcastle Disease in Southern California: 2002-2003. *46th AAVID Conference, San Diego, CA, 2003.*

Castellan, D. Transmission of Exotic Newcastle Disease in California, 2002-2003. *North Central Avian Disease Conference, 2005.*

Castellan, D. A Vaccine Challenge Study to Optimize Administration of Poulvac® ST Vaccine. *University of California House Officers Day, 2005.*

Castellan, D. Lessons From the Biosecurity Field Report of Commercial Egg Layer Premises in California in the California 2002-2003 Exotic Newcastle Disease Outbreak. *Western Poultry Disease Conference, 2005*.

Rushton, J. Kalpravidh, W. Marshall, E. de Haan, N. Ankers, P. Taylor, N.M. Martin, V. Fusheng, G. Castellan, D. Morzaria, S. and J. Domenech. (2009) Cross border trade and HPAI risk reduction in the Greater Mekong Sub-Region. *Proceedings of the International Society for Veterinary Epidemiology and Economics*, 10-14 August 2009.

Castellan, D. Benigno, C. Newman, S. Dehaan, N. Chitoor, G. Hinrichs, J. and V. Ahuja. Development and Implementation of Multi-Disciplinary, Multi-Sectoral Training Modules Through the Regional Field Epidemiology Training Program for Veterinarians. *1st International One Health Congress*, 14-16 February 2011.

Castellan, D. Kalpravidh, W. Morzaria, S. Chitoor, G. Chanachai, K. Wongsathapornchai, K. and T. Prarakamawongsa. Strengthening and Supporting Capacity in Veterinary Epidemiology at Individual and Institutional Levels to Promote a One Health Approach in the Region of Asia and the Pacific. *1st International One Health Congress*, 14-16 February 2011.

Castellan, D. Lessons from HPAI H5N1 in South and Southeast Asia. *60th Western Poultry Disease Conference*. 21-23 March 2011.

Castellan, D. and W. Kalpravidh. Building Epidemiology Capacity in the Region of Asia and the Pacific. *International Conference on Global Issues Influencing Human and Animal Health for ASEAN One World – One Health*. 9-10 June 2011.

Castellan D. FAO One Health Activities in the Region of Asia and the Pacific. *27th Conference of the OIE Regional Commission for Asia, the Far East and Oceania*. November 2011.

Castellan, D. Official control of poultry diseases: appropriate epidemiological and diagnostic requirements in relation to flock size and export strategy. *World Poultry Congress, Salvador Brazil*, 5-9 August 2012.

Newman, S. Morzaria, S. Hinrichs, J. Kalpravidh, W. Castellan, D. Parker, E. and J. Lubroth. Connecting the dots: Linking livestock development and value-chains, wildlife habitat use and migration, agro-ecological risk factors and genetic sequences of viruses to understand the emergence, spread, and the potential for zoonotic pandemics. *Animal Movement and the Environment, at the North Carolina Museum of Natural Sciences in Raleigh, North Carolina, USA*. 5–7 May 2014.

Akram, M. Dissanayake, R. Bisht, K. S. Tshering, Shrestha, P.C. Thakuri, K. Manandhar, C. P. Gautam, S.P. Castellan, D. and M. S. Oberoi. Understanding the epidemiology of H5N1 and H9N2 influenza virus outbreaks in Nepal. *International Meeting on Emerging Diseases and Surveillance (IMED), Vienna, October 31 - November 3, 2014*.

Castellan, D.M. Effective Disease Intelligence for Emerging and Re-emerging Diseases. *National Conference on Emerging and Re-emerging Viral Outbreaks in India. Hyderabad, India, 20-22 January 2015*.

Kyi Mar Aung, Lin Lin Bo, David Castellan, David Hadrill, Min Thein Maw. Myanmar Poultry Production Zones: a Complex Interface for Zoonotic Influenza A Prevention, Detection and Response. *Prince Mahidol Award Conference 2018 – Making the World Safe from the Threats of Emerging Infectious Diseases. Bangkok, Thailand, 29 January – 3 February 2018*.

Posters

Development of a Game Fowl Health Assurance Program in California, *XXII World's Poultry Congress, Ankara Turkey 2004*.

Field Epidemiology Training Program for Veterinarians, *6th Biregional TEPHINET Meeting, Bali, Indonesia 2011*.

Lessons Learned Promoting One Health by Adapting the Regional Field Epidemiology Training Program for Veterinarians (FETPV) Pre-requisite Course Curriculum at Country Level. *2nd International Global One Health Congress, Prince Mahidol Awards Conference, Bangkok, Thailand 2013.*

Development and Application of an Epidemiology Capacity Development Tool for Animal Disease Intelligence in Asia. *3rd International Global One Health Congress, Amsterdam, Holland 2015.*

Building Capacity for Veterinary Field Epidemiology Training Programmes in East, West and Central Africa: Training of Trainers and Mentors for the In Service Applied Veterinary Epidemiology Training Programme (SAVET). *6th World One Health Congress, Edinburgh, Scotland 2020.*

Presentations at Scientific and Poultry Industry Meetings

United States Animal Health Association Committee on Transmissible Diseases of Poultry and Other Avian Species

- Low Pathogenic Avian Influenza in California Commercial Poultry (2002)
- Low Pathogenic Avian Influenza in California Commercial Poultry (2003)
- Exotic Newcastle Disease in California (2002 – 2003)

Western Poultry Disease Conference

- Low Pathogenic Avian Influenza in California Commercial Poultry (2003)
- Biosecurity Report of the Exotic Newcastle Disease in California for 2002-2003 (2005)
- Lessons Learned from HPAI H5N1 Subtype in the Region of Asia and the Pacific, (2011)

U.S. Poultry and Egg Association

- Producer Conference, Memphis TN – Post-mortem Report of the California Exotic Newcastle Outbreak (2002 - 2003)

California Poultry Federation

- Biosecurity Conference – Lessons from Avian Influenza and Exotic Newcastle Disease (2004)

Pacific Egg and Poultry Association Annual Meeting

- Results of the California *Salmonella enteritidis* Validation Study: 1998 – 2000 (2000)
- Practical Biosecurity Scenarios (2004)

California Egg Quality Assurance Program

- Interim and final results of the California *Salmonella enteritidis* Validation Study (1998 – 2000)

Asian Poultry Health Conference (Invited Speaker)

- Lessons Learned from HPAI H5N1 Subtype in the Region of Asia and the Pacific (2012)

World Poultry Congress (Invited Speaker)

- Official control of poultry diseases: appropriate epidemiological and diagnostic requirements in relation to herd size and export strategy (2012)

Poultry Asia (Invited Speaker)

- Assessing Procedures for Avian Influenza Prevention and Control (2012)

Asian Poultry Health Conference (Invited Speaker)

- Avian Influenza Viruses In Asia: A Continuing Challenge (2013)

OFFLU Meeting, Beijing China

- Vaccination planning tool for avian influenza (2013)

American Association of Avian Pathologists/American Veterinary Medical Association (2016)

- Development and Application of a Vaccination Planning Tool for Avian Influenza
- Development and Application of an Epidemiology Capacity Development Tool for Disease Intelligence in Asia

TEPHINET 10th International Global Conference, Atlanta, GA (2019)

- Invited Speaker, Plenary Presentation: Technical Guidelines: Building One Health Collaboration at the Human-Animal-Environmental Interface
- Moderator: FETP Oral Presentations
- Panel Moderator: Achieving an integrated, progressive One Health approach for the Frontline In-Service Applied Veterinary Epidemiology Training (ISAVET) in 14 African Countries under the USAID Global Health Security Agenda
- Video interview related to challenges and opportunities for veterinary epidemiology under a One Health approach

Significant Contributions to Teaching

Lecturer, UC Davis Veterinary Medicine Course Lectures in PHR 220 Avian Medicine for sophomore veterinary students (2004)

- Lectures: *Salmonella pullorum* and *Salmonella gallinarum*, Non-Typhoidal *Salmonellae*; A Field Perspective of Avian Influenza in California; A Field Perspective of Exotic Newcastle Disease in California

Presenter, FAO Consultant: Lao People's Democratic Republic (2005), Republic of Egypt (2006) and Union of Myanmar (2006)

- Poultry Pathology Wet Labs for 60 local veterinarians
- Lectures in epidemiology, vaccination, prevention, and control of HPAI

Lecturer, course coordinator, curriculum editor, Veterinary Field Epidemiology in Action - FETPV Prerequisite Short Course (2009 - 2013)

- Lectures on Basic Concepts and Applications of Field Epidemiology

Lecturer, Tufts Cummings School of Veterinary Medicine (2009)

- Application of epidemiology to the global program for highly pathogenic avian influenza

Lecturer and Field Mentor, FAO – Region of Asia and the Pacific

- Field Epidemiology Training Program for Veterinarians (FETPV) in Thailand, China, Lao, Cambodia, India and Nepal (2008 - 2015)

Technical Lead, Curriculum Developer, Lecturer and Mentor – Texas A&M, Institute for Infectious Animal Diseases

- Frontline In Service Applied Veterinary Epidemiology Training (ISAVET) in 14 Global Health Security Agenda (GHS) countries (2018 - present)
- Frontline ISAVET in the South Africa Development Community (2020 - Present)

Lecturer, Texas A&M University, College of Veterinary Medicine

- VTPB 221 Great Diseases (2020) – Influenza
- Seminar – One Health

Dissertation Examiner

- PhD Thesis, Epidemiology and Modeling of the Spread of Highly Pathogenic Avian Influenza Virus in Bangladesh. A.H.M. Kamal, PhD Candidate, Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh, Bangladesh (2014)

- PhD Thesis, Factors influencing the epidemiology of avian influenza virus circulation on poultry farms in Bangladesh. Suman Das Gupta, PhD Candidate, University of Queensland, Australia. (2019).

Funding

- Coordinator of the California SE Validation Study, 1998 - 2000 (150,000 USD)
- Co-author of U.S. FDA grant for a longitudinal study of SE on egg layer ranches, 2002 (218,000 USD)
- Co-author of funding proposal to the U.S. Center for Disease Control (CDC) to support FETPV activities for, 2009 (116,000 USD – First-ranked proposal)
- USDA funding to develop Frontline ISAVET in South Africa, 2020 (248,000 USD)

Significant Contributions to Veterinary Extension

Lecturer, Layer School West I – A three-day course attended by approximately 20 California Egg Layer Producers, as well as poultry veterinarians and allied industry representatives (2004)

- Presentations on Laryngotracheitis and Fowl Pox

California Game Fowl Health Assurance Program (GFHA) – Co-developer of the California Game Fowl Health Assurance Program (2003 - 2006). Training elements:

- GFHA Program requirements
- Basic Biosecurity for Game Fowl Owners
- Surveillance sample submission to veterinary laboratories
- Basic Poultry Diseases
- Basic Vaccination Principles for Game Fowl Owners

Professional Contributions

Peer Review Panelist – United States Department of Agriculture, Agricultural Research Service Program 108, Food Safety Panel “Preharvest – Poultry Pathogens” (2005)

Contributing Peer Reviewer, *Journal of Poultry Science* (2005)

Contributing Peer Reviewer, *Avian Diseases (Current)*

Member, *Phi Kappa Phi* (2004)

Member of the *Data Collection and Sharing* Committee – National Food Safety System (NFSS), United States Food and Drug Administration (1998 - 2000)

California Dept. of Food and Agriculture delegate to the United Egg Producers Risk Assessment Meeting Atlanta, GA (1998)

Member of the United States Department of Agriculture/Food Safety and Inspection Service National Animal Health Monitoring System (NAHMS), Steering Committee “*Layers 99*” (1999) and contributor to the NAHMS Study on Biosecurity for Backyard Birds (2004)

Member of the University of California School of Veterinary Medicine Strategic Planning Committee for Food Safety and Public Health (2000)

Veterinary Consultant, Christian Veterinary Mission, Pignon, Haiti (1996)

Vice-Chair of the United States Animal Health Association (USAHA) Committee on *Salmonella* (2000-2003)

Chair of the USAHA Committee on *Salmonella* (2004 - 2006)

Contributing editor to the *National Poultry Info Database*, USDA (2000)

Crisis Management Response Team, California Egg Commission (2000)

Study Coordinator for the California *Salmonella enteritidis* (SE) Validation Study (1998 - 2000)

Liaison for Federal and State Public Health Officials concerning *Salmonella enteritidis* in eggs, almonds and other production food safety issues (1998 - 2006)

Contributing Peer Reviewer, *Influenza and Other Respiratory Viruses* (2011)

Invited contributor, OFFLU – STAR - IDAZ initiative to develop a global vision and an agenda for animal influenza research (2013 - 2014)

Contributing Editor (2015 - Present), *Outbreak, Surveillance and Investigations Reports (OSIR)*, An online publication of health professionals in Asia and the Pacific Region <http://www.osir.net/index.php>

Scientific Reviewer, *BioMed Central, BMC Veterinary Research* (Current)
<https://www.editorialmanager.com/bvet/default.aspx>

Scientific Reviewer, *Microbial Drug Resistance*, (Current) <https://mc.manuscriptcentral.com/mdr>

Member of the FAO Technical Advisory Group for Veterinary Field Epidemiology Training (2018 - Present)

United States National Animal Disease Preparedness and Response Program (NADPRP) Ex-officio member (2021 - 2023)

Adviser and contributor to Regional FETPV and Frontline ISAVET One Health country programs in Asia and Africa

Other Languages

French – Level BBB (oral, written, comprehension)

Professional Competencies and Skills

One Health: Extensive experience designing, planning, preparing and operationalising joint training through One Health capacity development programs among public health, animal health and environment health sectors including FETPV in Asia (2008-present), Frontline ISAVET in Africa (2018-present) and FTP-WEBE (2020-present) in Africa and Asia. International leadership for One Health capacity development as an OIE consulting member of the Tripartite One Health Field Epidemiology Capacity Development Framework (2021). Leading interoperable capacity development for One Health integration of FETP, FETPV/ISAVET and FTP-WEBE training platforms;

Research: Demonstrated proficiency in conducting literature reviews, study design, questionnaire development and administration, data management, data preparation for publication and oral presentation, successful NIH research grant writing and funding proposals for World Bank and other international donors;

Computer software: WordPerfect, Microsoft Word, Excel, Access, PowerPoint, Visio, @Risk, BestFit, SAS, BMDP, SPSS, Minitab, Egret, Epi-Info, STATA 13, TreePlan, DOS, Windows, Internet Applications, Introduction to Arc Info, QGIS;

Administration/Coordination/Project Management: Committee chairmanship, strategic planning, grant proposals, benefit-cost analysis, program budget/personnel management and supervision, business plan development, regulations review and development, bill analysis, project management for state level surveillance, field research and operational research projects. FAO Coordination of interoperable capacity development for One Health integration of FETP, FETPV/ISAVET and FTP-WEBE training platforms;

Communication: Excellent oral and writing skills, media training and proven ability to work effectively both proactively and in emergency and cross-cultural settings with co-workers, agricultural producers and processors, federal, state, media and local agricultural and public health regulatory officials, committee and task force communication and public speaking (Dale Carnegie Certification); Media Training for United Nations Managers;

International Development: Proven ability in consultative planning and delivery in cross-cultural settings related to veterinary capacity and animal health programs impacting human health involving foreign governments and international donors and non-governmental organizations;

Teaching, Mentoring and Curriculum Development: Formal academic and extension teaching experience and curriculum development for veterinary students, veterinarians and farm personnel in developed and developing countries related to epidemiology and poultry medicine; lead technical developer of FETPV in Asia and ISAVET in Africa; and

Leadership: Proven leadership ability including national level chairmanship (USAHA), managing personnel, developing action plans and priorities for animal emergency management and response; coordinating and directing animal disease surveillance projects, epidemiological studies, operational research and outreach to poultry owners at the State level; leading committee and task force work.

References

Dr. Heather Simmons,
Director,
Institute for Infectious Animal Diseases, Texas A&M University,
College Station, Texas, USA
Phone: 1-979-862-3202
Email: Heather.Simmons@ag.tamu.edu

Dr. Wantanee Kalpravidh (retired),
Head of the Emergency Center for Transboundary Animal Diseases (ECTAD),
Food and Agriculture Organization of the United Nations,
Rome, Italy
E-mail: Wantanee.Kalpravidh@fao.org

Dr. Subhash Morzaria (retired, consultant),
ECTAD Regional Manager (retired), Region of Asia and the Pacific,
Bangkok, Thailand
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Dr. Richard E. Breitmeyer (retired),
Director (retired),
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UC Davis School of Veterinary Medicine,
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ACPV Application for Emeritus Membership

Name: Dr. Patricia Dunn

Address:

547 Smith Road

Port Matilda, Pennsylvania 16870

United States

Email: pad7@psu.edu

Phone: (814) 692-7470

Birthplace: Huntingdon, PA

Birth date: 7/10/1957

Citizenship/Permanent Residency: United States

Additional Information

How long have you been a member of ACPV?: 30

Resume of your experience in avian medicine:

(Recent positions, please give employer name, title, type of work and years spent)

See below.

What are you doing now?:

I retired from full time employment at Penn State University on 4/30/22. However, I agreed to an "emergency re-hire" (part time) due to the HPAI situation on Pennsylvania and an as yet unfilled vacancy for a poultry diagnostician position in our laboratory. I anticipate that this may continue until September 2022. After that, I may do some limited consulting for poultry companies in our region. My husband and I will be moving to the farm where I grew up in central PA later this year.

Other Comments:

Over the years, I enjoyed serving on the ACPV Board of Governors for 1 term and on various committees including the Exam Committee (two different 3 year terms, one year as Chair), Credentialing Committee (for Exam Applicants), Continuing Education Committee. By invitation, I also served on a few Ad Hoc committees including Mission and Vision Statement Revision and Credentialing Procedures Review / Revision. I plan to continue to contribute to ACPV and AAAP as opportunities arise.

Patricia A. Dunn, DVM, MAM, DACPV

**Clinical Professor, Department of Veterinary and Biomedical Sciences
Animal Diagnostic Laboratory
Pennsylvania State University
100 Wiley Lane
University Park, PA 16802-1110**

Education:

Pennsylvania State University	BS, Biology	1979
University of Wisconsin-Madison School of Veterinary Medicine	DVM (Doctor of Veterinary Medicine)	1989
University of Georgia College of Veterinary Medicine	MAM (Master of Avian Medicine)	1991

Professional Employment:

1991 – 2022

100% Diagnostic Service Appointment as Avian Diagnostic Pathologist and Field Investigator at the Animal Diagnostic Laboratory (ADL), Department of Veterinary and Biomedical Sciences, Pennsylvania State University, part of the Pennsylvania Animal Diagnostic Laboratory System (PADLS)

Research Assistant	1991- ~1994
Research Associate	~ 1994- 2000
Senior Research Associate	2000- 2018 (highest rank attainable in the series at the time)
Associate Clinical Professor	2018- 2021 (lateral move due to re-naming the rank)
Clinical Professor	2021- present

Description of Diagnostic Appointment Responsibilities:

Section Head Avian Diagnostic Pathology / Avian Medicine / Avian Field Investigation Section

- case coordinator of accessions involving avian necropsy and supporting tests including histopathology, parasitology, serology, filed service and client education

Section Head of Avian Serology Section

-case coordinator of accessions involving regulatory and diagnostic serology tests including agar gel immunodiffusion tests for antibodies to avian influenza, rapid plate agglutination, ELISA

Case Consultant on avian virology, bacteriology, toxicology and miscellaneous tests

Case Consultant on avian necropsy cases from pathologists at PADLS- PVL

Direct Supervisor currently of 4 technical staff positions (3 full time and 1 part time)

Case coordinator numbers (average range per year) over 20+ years:

necropsy/ pathology: 200 – 300 accessions comprised of 1500- 2500 birds

histopathology slides evaluated: 3000- 4000

field investigations: 2 – 40

serology: 3700 – 4200 accessions comprised of 130,000 – 150,000 tests

Past Section Head of several lab sections including **Avian Salmonella Testing Section** (SE Pilot Project and related programs, later Pennsylvania Egg Quality Assurance Program, (1992 - ~ 1996); **Necropsy Section** (~ 1999- 2001)

Professional Medical Licensure, Accreditation:

1990- present The Commonwealth of Pennsylvania Veterinary Medical Licensure #BV-006445-E

1991- present: USDA Accreditation- The Commonwealth of Pennsylvania Accreditation Code #C997

Veterinary Medical Specialty Board Certification:

1992- present: American College of Poultry Veterinarians

Honors, Awards:

American Association of Avian Pathologists (AAAP) Hall of Honor, in recognition of distinguished contributions to poultry health, inducted August 4, 2020

Extension Outstanding Program Award given to the Penn State HPAI Team, conferred by Director, Cooperative Extension, June 20, 2016

Best Case Report (Owen, Wallner-Pendleton, Dunn) at the 2012 Annual American Association of Avian Pathologists (AAAP) Scientific Meeting, awarded by AAAP Awards Committee, August 5, 2012

The Society of Phi Zeta—the Honor Society of Veterinary Medicine, inducted 1989

Peer-Reviewed Publications:

Robinson C, **P.A. Dunn**, L.M. Williams, R.L. Poulson, E.A. Miller, H.M. Brown, J.D. Brown. Characterization of avian pox in a ruffed grouse (*Bonasa umbellus*) from Pennsylvania. *Avian Diseases*. 65(3):452-454. 2021

Byukusenge M, Ruth H. Nissly, Lingling Li, Traci Pierre, Tammy Mathews, Eva Wallner-Pendleton, **Patricia Dunn**, Denise Barnhart, Sean Loughrey, Sherrill Davison, Donna J. Kelly, Deepanker Tewari, Bhushan M. Jayarao, Suresh V. Kuchipudia. Complete genome sequences of seven *Avibacterium paragallinarum* Isolates from poultry farms in Pennsylvania, USA *Microbiology*, 9 (27): e00654-20 2020

Greenawalt D, Yabsley MJ, Williams L, Casalena MJ, Boyd R, Debelak E, Wildlicka H, Phillips E, Wallner-Pendleton E, **Dunn P**, Brown J. Surveillance for Heterakis spp. in Game Birds and Cage-Free Floor-Raised Poultry in Pennsylvania. *Avian Diseases*. 64:210-215. 2020

Bell A., D. Kennedy, M. Jones, C. Cairns, U. Pandey, **P. Dunn**, M. Szpara, A. Read. *Molecular Epidemiology of Marek's disease virus in central Pennsylvania, USA*. *Virus Evolution*, 2019, 5(1): vey042

Kennedy D., **P. Dunn**, A. Read. *Modeling Marek's disease virus transmission: a framework for evaluating the impact of farming practices and evolution on disease*. *Epidemics*. 23:85-95. 2018

Kennedy, D.A., C. Cairns, M.J. Jones, A. S. Bell, R.M. Salathe, S.J. Baigent, V.K. Nair, **P. A. Dunn (I)**, A.F. Read. *Industry-wide surveillance of Marek's disease virus on commercial poultry farms; Avian Diseases*. 61(2):153-64. 2017

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Grants and Contracts:

Cooperative agreement between the **Pennsylvania Department of Agriculture (PDA)** Bureau of Animal Health and Diagnostic Services and the **United States Department of Agriculture (USDA)** Animal and Plant Health Inspection Service; Pennsylvania State University Ref No: 217493, (The Pennsylvania Department of Agriculture Amendment to ME 44166167); *National Surveillance and Response for Animal Health Activities- Avian Health*; S. Kuchipudi (PI), B. Jayarao (Co-I), **P. Dunn (Co-PI)**; 4/1/20 – 3/31/21; ~ **\$138,000**. This contract and its precursors (previously named *Notifiable Avian Influenza in Pennsylvania*) have been awarded annually since ~2004 or before with various investigators (always including P. Dunn as PI or Co-PI contributing the majority of the effort) and annual funding range has been ~ 130 k to 170 k: **total \$ over 16 years ~ \$2.4 million**

PA Poultry Industry Egg/Broiler Research Check-Off Project; *Studies on effects and control measures for the newly emerging PA avian reovirus variants in egg production flocks*, H. Lu (PI), **P. Dunn (Co-PI, 10%)**, E. Wallner-Pendleton (Co-PI), Jan 2019 – Dec 2020; **\$24,000**.

PA Poultry Industry Egg/Broiler Research Check-Off Project; *Studies of non-metallic organic disinfectants for prevention and sanitization of avian reovirus and other viral infections in broiler and layer production flocks*; H. Lu (PI), **P. Dunn (Co-PI, 5%)**, Eva Wallner-Pendleton (Co-PI); Jan 2019 – Dec 2020; **\$24,000**

PA Poultry Industry Joint Egg/ Broiler Research Check-Off Program; *Characterization of strains of infectious bronchitis virus affecting broiler and layer chickens in Pennsylvania: survey and diagnostic test development*; **P. Dunn (PI, 80%)**, H. Lu, T. Sharafeldin, E. Pendleton, R. Owen, M. Pierdon; Jan 1 – Dec 31, 2019, **\$20,000**

United State Department of Agriculture NIFA, Veterinary Services Grant Program; Project title: *Poultry training for large and small animal veterinarians in Pennsylvania counties with a defined veterinarian shortage*

situation; G. Lorenzoni (PI), E. Wallner-Pendleton (Co-PI); **P. Dunn (Co-PI, 10%)** (Collaborators: S. Davison, J. Campbell, J. Boney, E. Barnoff, R. Bomberger); October 2018- October 2022, **\$249,000**

US Poultry and Egg Association; Rapid ensiling of hen carcasses for biosecure preservation and virus destruction following depopulation; P. H. Patterson (PI), H. Lu (I), **P. Dunn (I)**; 2018; ~ **\$30,000**

The US Egg Industry Center research project: *Studies on Effects of the Newly Emerging Avian Reovirus Variants on Egg-laying Hens and Efficacy of Non-Metallic Disinfectants on Reovirus*; H. Lu (PI), **P. Dunn (Co-PI, 5 %)**, E. Wallner-Pendleton (Co-PI); July 2018 – June 2020; **\$89,917**

Pennsylvania Department of Agriculture Bureau of Animal Health and Diagnostic Services; *To Evaluate the Susceptibility and to Characterize the Pathogenesis of Experimental Zika Virus Infection of Chickens*; S. Kuchipudi et al including P. Dunn (I); 1/1/17- 2/22/18; **\$17,000**

Pennsylvania Soybean Board Research Project: Genomic Characterization and Vaccine Challenge of Emerging PA Avian Reovirus Variants for Poultry Health and Agriculture Promotion. H. Lu (PI), E. Wallner-Pendleton (Co-PI), **P. Dunn (Co-PI)**; 2/9/16 – 9/1/17; **\$35,418.**

USDA- NIFA, Food Security Challenge Area Award 2014-08054; A Novel, Translational, Multidisciplinary Approach to Control Poultry Respiratory Diseases in the United States. C. Lee- PI of the grant as a whole: sub part to PSU on education for small and backyard flocks: M. Hulet (PI), E. Pendleton, **P. Dunn (I)**, P. Clauer, G. Martin. The tentative budget approval for total grant is for **\$7,230,000 over five years (\$1,460,000 in the first year), and the PSU subpart total for first 2 years (April 15, 2015- March 31, 2017) is \$141,036.**

Private Corporation (Maple Lawn Associates); To Identify the Effect of Chicken Layer Lines and Age of Embryonated Eggs on Virus Titers Required for Human Influenza Vaccine Production; S. Kuchipudi (PI), **P. Dunn (I)**; 6/1/16 – 5/31/17; **\$56,696**

2015 Pennsylvania Department of Agriculture (PDA) Research Project: Full Genomic Sequencing Characterization on Newly Emerging Novel PA Avian Reovirus Variants Detected in Broilers, Layers and Turkeys in Pennsylvania in 2012-2014. H. Lu (PI), E. Wallner-Pendleton (Co-PI), **P. Dunn (Co-PI)**; 1/1/15 – 6/30/15, \$?.

2015 Pennsylvania Department of Agriculture Research Project (PDA Contract ME# 44145029): Full Genomic Sequencing Characterization of Newly Emerging Novel PA Avian Reovirus Variants Detected in Broilers, Layers and Turkeys in Pennsylvania in 2012-2014. H. Lu (PI), Y. Tang (Co-PI); E. Wallner-Pendleton (Co-PI), **P. Dunn (Co-PI)**; x/x/15 - 3/8/16; **\$53,000.**

USDA- NIFA, Food Security Challenge Area Award 2014-08054; A Novel, Translational, Multidisciplinary Approach to Control Poultry Respiratory Diseases in the United States. C. Lee- PI of the grant as a whole: sub part to PSU on education for small and backyard flocks: M. Hulet (PI), E. Pendleton, **P. Dunn (I)**, P. Clauer, G. Martin. The tentative budget approval for total grant is for **\$7,230,000 over five years (\$1,460,000 in the first year), and the PSU subpart total for first 2 years (April 15, 2015- March 31, 2017) is \$141,036.**

2015-16 Pennsylvania Soybean Board Research Project: Genomic Characterization of Emerging PA Avian Reovirus Variants for Poultry Disease Control and Agriculture Promotion. H. Lu (PI), E. Wallner-Pendleton (Co-PI), **P. Dunn (Co-PI)**; 2015- 2016; **\$20,000.**

PA Poultry Industry Joint Egg/ Broiler Research Check-Off Program Genotype and Full Genomic Sequencing Characterization on Newly Emerging PA Avian Reovirus Variants; H. Lu (PI), Y. Tang (I, PD), **P. Dunn (I)**, and E. Wallner-Pendleton; 2015-2017; **\$40,000.**

PA Poultry Industry Joint Egg/ Broiler Research Check-Off Program Hyperimmune antibody production against variant ARV infection in young broiler and layer chickens; H. Lu (PI), **P. Dunn (I)**, E. Wallner-Pendleton, and Y. Tang (I, PD); 2015-2017; **\$36,000.**

PA Poultry Industry Joint Egg/ Broiler Research Check-Off Program *Studies on the effects of the newly emerging PA avian reovirus variants on heavy brown egg-laying hens and efficacy of disinfectants on reovirus;* H. Lu (PI), **P. Dunn (I)**, E. Wallner-Pendleton, and Y Tang (I, PD); 2015-2017; **\$24,000**.

PDA Contract ME #44134401: Pathogenicity and molecular characterization of avian reovirus field isolates obtained from currently ongoing reovirus outbreaks in Pennsylvania broiler chickens; H. Lu – PI, P. Dunn – Co-I, E. Pendleton- Co-I; Y. Tang- Co-I; 1/1/14 – 6/30/14; **\$22,000**

Various PA commercial turkey companies; Hemorrhagic enteritis vaccine production contract; E. Pendleton- PI, H. Lu, M. Hulet, P. Dunn, 2008 – ending in 2014; 0.0033 cents per vaccine dose.

Pennsylvania Department of Agriculture; Molecular and Pathogenicity characterization of broiler reovirus isolates in Pennsylvania poultry in 2012; H. Lu – PI, **P. Dunn (Co-I)**, E. Wallner-Pendleton (Co – I); 1/1/13 – 6/30/13; **\$20,000**

NSF/ NIH- BBSRC EEID; Vaccines as drivers of disease emergence: transmission ecology and virulence evolution in Marek’s disease. (North American sub-part) A. Read (PI), **P. Dunn (co-PI)**; 9/1/12 – 8/31/17; **\$1,363,622**.

Pennsylvania Department of Agriculture; Understanding Enterococcus cecorum-associated septicemia, progressive lameness and vertebral abscesses in commercial broilers and broiler breeder; S. Kariyawasam- PI, **P. Dunn- Co-I**; Time frame- begins in 2011, ends ? ; **\$9,400**.

PA Poultry Industry Layer Research Check-off: Investigation into focal duodenal necrosis: identification of bacteria; non-drug strategies for control; **Dunn- PI**; 1/1/11- 12/31/12; **\$22,400**.

PA Poultry Industry Broiler Research Check-off: Investigation of causes of spinal abscesses in broilers and broiler breeders – field survey of bacterial and virus pathogens using real-time PCR, electron microscopy, cell culture and bacterial cultures; H. Lu- PI, **P. Dunn- Co-I**; 1/1/11- 12/31/12; **\$40,000**.

Pennsylvania Department of Agriculture; Development and evaluation of an automated image analysis and classification (CIAC) system for diagnostic histopathology. A. Hattel, V. Monga, J. Brooks, **P. Dunn (co-I)**, E. Wallner-Pendleton, J. Fisher; 2012; **\$19,500**.

Spirogene Pty Ltd; Myers- PI, **Dunn-Co-I** ; “Gift” for PCR testing for Avian *Brachyspira* sp.; 2008- 2009; \$20,000.

Various PA commercial turkey companies; Hemorrhagic enteritis vaccine production contract; E. Wallner-Pendleton- PI; **P. Dunn- Co-I**, 2008 - 2012; 0.0033 cents per vaccine dose = estimated total sales for 4 years ~**\$50,000**.

Pennsylvania Department of Agriculture (PDA); PDA Contract ME# 445670; Development of Real-Time PCR for Avian Enteric Viral Pathogens Lu- PI; Wallner-Pendleton and **Dunn Co-PI**; 1/1/06 - 06/30/08; **\$117,000**.

PA Poultry Industry Broiler Research Check-Off Program; Development of Diagnostic Reagents for DIVA Testing Lu- PI; Wallner-Pendleton and **Dunn Co-PI**; 1/1/07 to 12/31/08; **\$44,000**.

USDA-NRI; Prevention and control of avian influenza in the US, USDA-NRI, Wallner-Pendleton et al- PI, Dunn, Lu et al- Co-PI col, 1/15/05- 1/14/07, **\$120,000**

Pennsylvania Department of Agriculture, Etiology and epidemiology of “dirty egg syndrome”, DebRoy and Dunn- co-PIs; 1/1/03- 12/31/05, **\$123,250**.

Pennsylvania Egg Research Check-Off Program , Epidemiology and microbiology of necrotic enteritis/ focal duodenitis in layers” , (Dunn- PI), 7/1/00- 12/31/01, **\$14,472**.

Pennsylvania Egg Research Check-Off Program, *Examining the etiology of “dirty egg syndrome*, Dunn- PI, 7/1/00- 6/30/02, \$33,244.

Pennsylvania Department of Agriculture, *“A longitudinal study of a novel dot-ELISA for detection of avian influenza virus”*, Lu- PI, Dunn- co-PI, 1/1/00- 12/30/01, \$54,500

Pennsylvania Department of Agriculture, *Salmonella enteritidis prevalence study of Pennsylvania poultry laying hens- a verification of the Pennsylvania egg quality assurance program”*, (Maddox/ Love- PI, Dunn- temporary PI), 1/1/99- 12/31/01, \$176,810

Pennsylvania Egg Research Check-Off program, *Development of enhanced methodology to rapidly identify present and past nephropathogenic and untypeable isolates of infectious bronchitis virus in Pennsylvania by use of monoclonal antibodies and molecular techniques*, Lu- PI, Dunn- co-PI, 7/1/00 - 6/30/02, \$32,000.

Pennsylvania Department of Agriculture, *Molecular characterization and immunity studies of present and past nephropathogenic and untypeable isolates of infectious bronchitis virus (IBV) in Pennsylvania*, Lu- PI, Dunn- co-PI), 1/1/01 - 12/30/02, \$45,788.

Pennsylvania Department of Agriculture, *New methods for monitoring flocks for Salmonella enteritidis exposure/infection*, C. W. Maddox (PI), P. A. Dunn, A. E. Castro. 1/95-6/97 \$123,263.

Book Chapters:

Chapter *“Diseases of Quail”* pp 630 – 635, author **P. Dunn**. In: Manual of Poultry Diseases, Brugere-Picoux and Vaillancourt, AFAS, 2015. ISBN (English edition): 2-908014-02-5 978-2-908014-02-0 2015

Chapter 21: Special considerations for backyard flocks and the urban live bird marketing system. **P. Dunn, author**. In: *A Practical Guide for Managing Risk in Poultry Production*, American Association of Avian Pathologists, Inc., R. L. Owen, ed., 2017. pp. 317-326.

Chapter 18: Special considerations for backyard flocks and the urban live bird marketing system. P. Dunn, author. In: *A Practical Guide for Managing Risk in Poultry Production*, American Association of Avian Pathologists, Inc., R. L. Owen, ed., 2011. pp. 267 – 275.

Presentations- Professional, Scientific:

Marek’s disease, Adenocarcinoma, Avian Cholera, Histomoniasis, P. Dunn **invited** in “Poultry health Workshop for PA Veterinarians (part of the United State Department of Agriculture NIFA, Veterinary Services Grant Program; Project title: *Poultry training for large and small animal veterinarians in Pennsylvania counties with a defined veterinarian shortage situation*. November 7, 2019, Montoursville, PA; November 7, 2019; Danville, PA, December 5, 2019; Virtual by Zoom, July 20, 2020.

Infectious Bronchitis in Immunologically Naïve Breeding Chickens and Their Progeny Corissa A. Steimling¹, Eva A. Wallner-Pendleton¹, Tamer A. Sharafeldin¹, Huaguang Lu¹, Jennifer L. Williams¹, Patricia A. Dunn¹, Robert L. Owen², Meagan Slater², Brian Ladman³, Ha-Jung Roh⁴ AVMA/ AAAP Scientific Program; Washington, DC, Aug 2- 5, 2019

A summary of epidemic pattern of increased infectious bronchitis virus isolations in broiler and layer chickens in Pennsylvania Carrington Stephenson, Lin Lin, Patricia Dunn, Eva Wallner-Pendleton, Brian Ladman, Huaguang Lu; AVMA/ AAAP Scientific Program; Washington, DC, Aug 2- 5, 2019

2018 Pennsylvania Infectious Bronchitis Survey, P Dunn, (invited), H Roh, H Lu, T. Sharafeldin, E. Wallner-Pendleton, M Pierdon, R Owen. 2018 90th Northeast Conference on Avian Diseases (Symposium section), University Park, PA, Sept 12, 2018

An unusual case of botulism in commercial turkeys; Owen R, P. Dunn, E Wallner-Pendleton, AVMA/ AAAP Scientific Program; Denver, CO July 13-17, 2018

Detection and typing of infectious bronchitis virus (IBV) isolates in Pennsylvania. Sharafeldin Y., P. Dunn. E. Wallner-Pendleton, H Lu, R Owen, H Roh, M Pierdon, J Patel AVMA/ AAAP Scientific Program; Denver, CO July 13-17, 2018

Identification of Heterakis species in game birds In Pennsylvania; Greenawalt D, Brown J, Casalena M, Boyd R, Pendleton E, Dunn P, Yabsley MJ; AVMA/ AAAP Scientific Program; Denver, CO July 13-17, 2018

Pathogenicity and length of infection studies of avian reovirus filed variants in experimental chickens; Yu H, Lin L, Stephenson C, Wallner-Pendleton E, Dunn P AVMA/ AAAP Scientific Program; Denver, CO July 13-17, 2018

Surveillance for Heterakis species in game birds In Pennsylvania; Greenawalt D, Brown J, Williams L, Casalena M, Boyd R, Debalak E, Widlicka H, Philips E, Pendleton E, Dunn P, Yabsley; Wildlife Disease Association 67th Annual International Conference; St. Augustine FL, Aug8, 2018. (poster)

Surveillance for Heterakis species in game birds In Pennsylvania; Greenawalt D, Brown J, Williams L, Casalena M, Boyd R, Pendleton E, Dunn P, Yabsley; 90th Northeastern Conference on Avian Diseases, University Park PA Sept 13, 2018.

Novel insights into the susceptibility of chickens to experimental Zika virus infection; Nissley R, Lim L, Keller, M, Bird I, Bhushan G, Clothe S, Mia T, Pendleton E, Dunn P, Kuchipudi S; 90th Northeastern Conference on Avian Diseases, University Park PA Sept 13, 2018.

Serologic evidence for influenza D virus among chickens and turkeys in Pennsylvania; Nguyen T, Sontyana D, Raghaven S, Lim L, Nissley R, Williams J, Rainey T, Pendleton E, Dunn P, Kuchipudi S. 90th Northeastern Conference on Avian Diseases, University Park PA Sept 13, 2018.

Infectious bronchitis in immunologically naïve breeding hens; Steimling C, Wallner-Pendleton E, Sharafeldin T, Lu H, Williams J, Dunn P, Owen R, Slater M, Ladman B, Roh H. 90th Northeastern Conference on Avian Diseases, University Park PA Sept 13, 2018.

Update of isolation and genomic characterization of the newly emerging avian reovirus variants in Pennsylvania poultry; Lu H (presenter- PL), T. Tang, L. Lin, C. Stephenson. **P. Dunn (I)**, E. Pendleton,; AVMA/ AAAP Scientific Program; Indianapolis, IN, July 21-25, 2017.

Challenging Models of Marek's Disease Virus Transmission with Field Data; Kennedy D (presenter- PL), **P. Dunn (I)**, A. Read; 89th Northeastern Conference on Avian Diseases; University Park, PA, September 12, 2017

Laboratory diagnosis of infectious bronchitis virus positive cases recently occurred in Pennsylvania layer and broiler chickens; Stephenson C (presenter- PL), L. Lin, B. Ladman, E. Pendleton. **P. Dunn (I)**, H. Lu; 89th Northeastern Conference on Avian Diseases; University Park, PA, September 12, 2017

Educational program development in response to 2014-2015 avian influenza outbreak; R. M. Hulet (PI, PL presenter), E. A. Wallner-Pendleton (Co-PI), P. J. Clauer, G. P. Martin, **P. A. Dunn (I)**, P. H. Patterson; presentation and abstract, 2016 Poultry Science Association Annual Meeting; New Orleans, LA; July 11-14, 2016.

Field surveillance study on the detection and quantification of Marek's Disease virus on commercial poultry farms. D.A. Kennedy (PL presenter), ..., **P. Dunn (I)**. A. Read; 11th International Symposium on Marek's Disease and Avian Herpesviruses, Tours, France, July 6-9, 2016.

Egg production drops in commercial brown layers investigated: Part 2. E. Wallner-Pendleton (PL presenter), K. Jones, J. Rosenberger, M. Markis, S. Davison, D. Kelly, **P. Dunn (I)**, H. Lu, G. Boggan; American Veterinary Medical Association Annual Convention, AAAP scientific program; San Antonio, TX; August 7, 2016.

Egg production drops in commercial brown layers investigated: Part 3. M. Markis (PL presenter), J. Rosenberger, S. Rosenberger, E. Wallner-Pendleton, **P. Dunn (I)**, H. Lu, S. Davison, D. Kelly, K. Jones, G. Boggan. American Veterinary Medical Association Annual Convention, AAAP scientific program; San Antonio, TX; August 7, 2016.

Case Report: Streptococcus pasteurianus septicemia in young turkeys; **P. Dunn (PL presenter)**, E. Wallner-Pendleton, S. Kariyawasam, D. Wijetunge; 88th Northeastern Conference on Avian Diseases; University Park, PA, September 28-29, 2016

Investigation of recent avian reovirus outbreaks in two young broiler flocks in Pennsylvania. Huaguang Lu (PL presenter); Y. Tang, C. Stephenson, X. Su, Lin Lin, L. Truong, **P. Dunn (I)**, E. Wallner-Pendleton; 88th Northeastern Conference on Avian Diseases; University Park, PA, September 28-29, 2016

-Update on Reovirus in Turkeys; R. Owen (presenter); **P. Dunn (contributor, invited speaker)**, J. Rosenberger; Pennsylvania Poultry Sales and Service Conference (lay); University Park, PA, September 28- 29, 2016.

Layer, Pullet Disease Update, Northeast Region; **P. Dunn- invited speaker**; 2015 Midwest Poultry Federation Convention (Educational Program), Saint Paul, MN, March 18, 2015.

Avian Reovirus Infections in Pennsylvania 2012-2015; Bortree Lecture, **P. Dunn (invited presenter)**, E. Pendleton, H. Lu, Y. Tang; University Park, PA, January 28, 2015.

Update of Molecular Characterization on the Newly Emerging PA Avian Reovirus Variants Detected in Broilers, Layers and Turkeys in Pennsylvania in 2012-2015. H. Lu (presenter), Y. Tang, **P. Dunn (I)**, E. Wallner-Pendleton, L. Lin, E. Knoll; oral presentation; 2015 AVMA/AAAP Scientific Program, Boston, MA, July 11-14, 2015.

Update of Isolation and Genotype Characterization on the Newly Emerging Avian Reovirus Variants Detected in PA Poultry, 2011-2015. H. Lu- invited presenter, Y. Tang, **P. Dunn (I)**, E. Wallner-Pendleton, L. Lin, E. Knoll; PDA-AHDC Meeting for PDA funded project research presentation; Penn State University Livestock Evaluation Center at Rock Springs, PA, August 6, 2015.

The "Old" and "New" Avian Influenza- Context, facts, Opinions, Implications for Pennsylvania; **P. Dunn (invited presenter)**, E. Pendleton, H. Lu, PSU Animal Science Department Seminar; University Park, PA, September 10, 2015.

Survey of Marek's disease virus concentration across poultry farms in central Pennsylvania, USA; D. Kennedy-presenter, **P. Dunn (I)**, R. Salathe, M. Jones, C. Cairns, R. Salathe, S. Baigent, V. Nair, A. Read; 87th Northeastern Conference on Avian Diseases, University Park, PA, September 16-17, 2015

Ensiling poultry carcasses for biosecure preservation and virus destruction; P. Patterson – presenter, M. Hulet, **P. Dunn (I)**, H. Lu, S. Kariyawasam, L. Kitto, A. Mayer; 87th Northeastern Conference on Avian Diseases, University Park, PA, September 16-17, 2015

A quantitative understanding of Marek's disease virus dynamics in central Pennsylvania: combining models and data; oral presentation and printed abstract; D. Kennedy- presenter, **P. Dunn**, M. Jones, C. Cairns, R. Salathe, S. Baigent, V. Nair, A. Read; 10th International Symposium on Marek's Disease and Avian Herpesviruses, East Lansing, MI, July 20-23, 2014

The temporal and spatial patterns of Marek's disease-associated condemnation of young chickens in the United States of America; poster presentation and printed abstract; D. Kennedy- presenter, J. Dunn, **P. Dunn**, A. Read; 10th International Symposium on Marek's Disease and Avian Herpesviruses, East Lansing, MI, July 20-23, 2014

Molecular characterization of the newly emerging PA avian reovirus variants. Oral presentation and printed abstract; H. Lu- presenter, Y. Tang, **P. Dunn**, E. Wallner-Pendleton, L. Lin, E. Knoll 2014 AVMA/AAAP Annual Meeting, Denver, CO, July 27-29, 2014.

A quantitative understanding of Marek's disease virus dynamics in central Pennsylvania: combining mathematical models and surveillance data; oral presentation and printed abstract; D. Kennedy- presenter, **P. Dunn**, M. Jones, C. Cairns, R. Salathe, S. Baigent, V. Nair, A. Read; - 86th Northeastern Conference on Avian Diseases (scientific) University Park, PA September 24 -25, 2014.

Genetic characterization of turkey reovirus isolates detected in Pennsylvania during 2011-2014. Oral presentation and printed abstract; Y. Tang- presenter, H. Lu, L. Lin, E. Knoll, **P. Dunn**, E. Pendleton; 86th Northeastern Conference on Avian Diseases, University Park, PA September 24 -25, 2014.

Diagnostic laboratory report: Pennsylvania and northeast update. Oral presentation and printed slides; E. Pendleton- invited presenter, **P. Dunn**, H. Lu, S. Davison, D. Kelly, N. Hanshaw, J. Jagne, A. Lichtenwalner, C. Wood, E. Martin, D. Zellner; 86th Northeastern Conference on Avian Diseases, University Park, PA September 24, 2014.

Diagnostic lab report: Pennsylvania and the Northeast region update. 47th National Meeting on Poultry Health and Processing; **P. A. Dunn (invited speaker and author)**; Ocean City, MD; 9/18/12

Poultry diseases transmissible to man. 84th Northeastern Conference on Avian Diseases (NECAD)- Symposium; **P.A. Dunn (invited Symposium speaker and author)**; University Park, PA; 9/26/12

Update on reovirus in broilers. NECAD/ Poultry Sales and Service Conference; **P. A. Dunn (invited speaker and first author)**, E. A. Wallner-Pendleton, H. Lu; University Park, PA; 9/27/12

Hatchery-induced Marek's disease in colored broilers and broiler breeders raised for the live bird market (case report). R. L. Owen, E. A. Wallner-Pendleton, **P. A. Dunn (co-author)**; Won best case report award, American Association of Avian Pathologists, American Veterinary Medical Association; San Diego, CA; 8/5/12

Acute septicemia caused by Streptococcus pasteurianus in turkey poults. Wijetunge, D. S., **P. Dunn (co-author)**, E. Wallner-Pendleton, S. Kariyawasam; poster presentation; American Association of Avian Pathologists, American Veterinary Medical Association; San Diego, CA; 8/4,5,6,7/12

Investigations into focal duodenal necrosis. **P. Dunn, presenter and author**; 2011/ 2012 PA Poultry Industry Egg Research Check-Off Program project progress report; University Park, PA; 9/27/12

Development of a molecular typing method for Enterococcus cecorum. Wijetunge, D. S. (presenter), J. Blair, **P. Dunn (co-author)**, E. Wallner-Pendleton, V. Lintner, and S. Kariyawasam. American Association of Avian Pathologists, American Veterinary Medical Association. July, 2011. St. Louis, MO.

Case Report: Tenosynovitis associated with reovirus in Pennsylvania commercial turkey flocks. 83rd Northeastern Conference on Avian Diseases, Lancaster, PA, 9/22/11. Platform presentation with abstract in Proceedings, **P.A. Dunn (presenter and first author)**, H. Lu.

Newcastle disease: Evolution of pigeon paramyxovirus type 1 (PPMV1) in Pennsylvania. Y.L Chong, (presenter and first author), O. Kim, H. Lu, **P. Dunn (co-author)**, M. Poss. Northeastern Conference on Avian Diseases, Lancaster, PA, 9/22/11. Platform presentation with abstract in Proceedings

Initial recognition and characterization of focal duodenal necrosis- 1996-2002. P. Dunn **invited** presenter Danisco Nutrition FDN Study Tour, Waukesha, WI, April 6 2010.

Case Report: Increased mortality in commercial turkeys caused by acute Enterococcus cecorum infections, P. A. Dunn (presenter), S. Kariyawasam, V. Lintner. 82nd Northeastern Conference on Avian Diseases; University Park, PA, September 23, 2010

Interesting diagnostic cases from Pennsylvania, Platform presentation with abstract in Proceedings, **P. A. Dunn (invited** speaker and first author), E. A. Wallner Pendleton, S. E. Myers, S. Kariyawasam, H. Lu, D. J. Hampson, A. Murdoch, C. DebRoy. 58th Western Poultry Disease Conference, Sacramento, CA, 3/23 – 25, 2009

Brachyspira intermedia and B. pilosicoli are commonly detected in older layer flocks in Pennsylvania, 5th International Conference on Colonic Spirochaetal Infections in Animals and Humans, Leon, Spain, 6/8-10/09. Poster presentation with abstract in Proceedings, S. E. Myers, **P. A. Dunn** (co-author), N. D. Phillips, T. La, D. J. Hampson (presenter)

Coccidiosis challenges in upland gamebirds, 81st Northeastern Conference on Avian Diseases; Grantville, PA, 9/18/09. (E. Wallner- Pendleton- author and presenter, **P.A. Dunn-** co-author).

Challenging issues seen in antibiotic floor egg layers, 80th Northeastern Conference on Avian Diseases, University Park, PA, 9/17/08. (E. Wallner- Pendleton author and presenter, P. Dunn, co-author).

Selected Avian Diagnostic Cases with Interesting Neurologic Findings, P. Dunn (author and presenter), E.A. Wallner- Pendleton (abstract in printed proceedings). 79th Northeastern Conference on Avian Diseases, Lancaster, PA, 9/18- 20, 2007,

Highly Pathogenic Avian Influenza and Exotic Newcastle Disease and Differential Diagnosis from Other Poultry Diseases; Case Histories: Could this be a Case of HPAI or END?; Poultry Necropsy Procedure and Sample Collection, P. Dunn (author and presenter of these 3 topics during the meeting and co-organizer of the meeting) Basics of Poultry Medicine and Differential Diagnosis of Highly Pathogenic Avian Influenza or Exotic Newcastle Disease from Common Poultry Diseases: A Workshop for Private Practice Veterinarians (CE Credit Course), Orono, ME, 9/8/07

AI Cap Grant Progress Report- Live Bird Market; C. Cardona, D. Halvorson, N. Tablante, M. Kahn, E. Wallner-Pendleton, P. Dunn (presenter), S. Davison; USDA LPAI Live Bird Market Working Group Meeting, Tallahassee, FL, Feb 22, 2006

Game Bird Diseases; Medication and Vaccination of Game Birds and Small Poultry Flocks; E. Wallner-Pendleton, P. Dunn (presenter), C. Cardona; New England Game Bird and Poultry Meeting, Storrs, CT, 5/9 & 5/10/06.

Case Report: Mycoplasma lowae Infection in Commercial Turkeys, P. Dunn (speaker) with E.A. Wallner-Pendleton, B.C. Love, S.H. Kleven (abstract in printed proceedings). 77th Northeastern Conference on Avian Diseases, Ithaca, NY, June 15 – 17, 2005

Avian Influenza: Perspective on State and Regional Issues, P. Dunn speaker, co-author; Battelle Group and PSU-Institute for Food and Water Security- Phase 1 Agrosecurity Initiative Meeting, Grantville, PA, Aug 22, 2005.

Sulfonamide toxicity in poultry, E. Wallner-Pendleton (speaker), P. Dunn, 76th Northeastern Conference on Avian Diseases, State College, PA, June 9 – 11, 2004

Protozoal encephalitis/ neuritis in a chicken, P. Dunn (speaker), E. Wallner-Pendleton. AAAP (AVMA) Meeting-Histopathology Interest Group, Philadelphia, PA, July 26, 2004

Selected interesting turkey cases, P. A. Dunn, C.W. Maddox (presented by P. Dunn), PADLS Fall 2000 Diagnostic Conference, University Park, PA, October 10, 2000

Multiple serotypes of infectious bronchitis virus (IBV) identified from a commercial layer farm by the use of SPF sentinel chickens and molecular assays, H. Lu, T. Ward, P. Dunn, D. Weinstock (presented by H. Lu), PADLS Fall 2000 Diagnostic Conference, University Park, PA, October 10, 2000

Summary of the Muscovy duck parvovirus situation in PA, A. Nesselrodt, P. A. Dunn, (presented by A. Nesselrodt). PADLS 1999 Winter- Spring Diagnostic Conference, Harrisburg, PA, Mar. 30, 1999

Case report: Muscovy duck parvoviral disease in Pennsylvania ducklings, P. A. Dunn, A. J. Nesselrodt, W. L. Miller, A. E. Castro, A. F. Ziegler, (presented by P. A. Dunn). 71st Northeastern Conference on Avian Diseases, Blacksburg, VA, June 16- 19, 1999

Nephropathogenic infectious bronchitis virus infections in Pennsylvania poultry, A. F. Ziegler, P. A. Dunn (presented by A. F. Ziegler). 1999 AVMA Annual Convention- Poultry Medicine Section, New Orleans, LA, July 10- 14, 1999

Nephropathogenic infectious bronchitis virus infections in Pennsylvania poultry, A. F. Ziegler, P. A. Dunn, D. Weinstock, J. Gelb, M. Castro, S. Davison (presented by A. F. Ziegler). PADLS Spring Diagnostic Conference, Kennett Square, PA, May 27, 1998

Case report: clinical chicken infectious anemia in Pennsylvania broiler chicks, P. A. Dunn, D. Weinstock, A. Ziegler, B. Lucio, and J. Jagne (presented by P. A. Dunn). 69th Northeastern Conference on Avian Diseases, Ithaca, NY, June 11-13, 1997

Myelocytomatosis in broiler breeder chickens, D. Weinstock, P. Dunn. 69th Northeastern Conference on Avian Diseases, Ithaca, NY, June 11-13, 1997

Hepatitis associated with larval ascaridiasis in commercial turkeys, P. Dunn, Histopathology section of American Association of Veterinary Laboratory Diagnosticians (AAVLD) Annual Meeting, Louisville, KY, ~ November 1995.

Control of mycoplasmosis in chickens; Control of coccidiosis in chickens; Roundtable discussion: serology, poultry diseases of interest; Necropsy demonstration; Practical biosecurity for poultry; Presentations at Cairo University, Agricultural Research Institute of Egypt, Ministry of Agriculture and Land Reclamation; USAID project between Pennsylvania State University (Magdi Mashaly) and Cairo University (Nageeb Goher), Biotechnology for Poultry Improvement, Cairo, Egypt, May 17 – 29, 1994

Summary of gamebird diagnoses. Dunn P, 64th Northeastern Conference on Avian Diseases, University Park, PA, June 1992.

Presentations- Technical / Lay Audience (Industry, Government, Manager, Farmer, Student, General Public):

Various topics at request of businesses, agencies, organizations, meeting organizers; ~ 4 – 12 presentations, demonstrations per year, 1992- present

Teaching / Instruction:

Penn State University Graduate Student Committees:

Irene Rojas-Nunez, Department of Animal Sciences, MS, 2018-2020

Penn State University Resident Education:

VSc 425 Principles of Avian Diseases	Course coordinator, lecturer	1992- 1997
VSc 425 Principles of Avian Diseases	Guest (2 – 5 lectures)	1999- 2019
VBS 420 General Animal Pathology	Guest (3 – 4 lectures)	1995- 2000
VBS 409 Wildlife Diseases	Guest (2 – 3 lectures)	2013- 2019
VBS 097A Mechanisms of Diseases	Guest (1 lecture)	1994, 2004, 2008, 2012
AnSc 200 Avian Biology	Guest (1 lecture, 1 lab)	1999, 2000
AnSc 411 Advanced Poultry Management	Guest (1 lab)	2005
VBS 496 Independent Study	Course coordinator	~2005, ~2010, 2014

Post DVM Veterinary Residency Education:

Instructor, Penn State University Residency Program in Avian Medicine and Pathology (ACPV-approved training program), Dr. Corissa Steimling- Robinson, 2018 - 2020

Adjunct instructor, University of Pennsylvania School of Veterinary Medicine, Avian Medicine and Pathology Residency Program - Drs. Mac Terzich, Andre Ziegler, Jarra Jagne, Donna Kelly, 1993- ~ 2000

Veterinary Student Externships/ Preceptorships in Diagnostic Laboratory Medicine:

Instructor- veterinary medical students in DVM or VMD programs from various veterinary medical colleges for 2 – 3- week rotations in diagnostic laboratory medicine, 1- 5 students per year each year, ~1996- 2022.

Membership in Professional Organizations:

American Veterinary Medical Association
American Association of Avian Pathologists
American College of Poultry Veterinarians
American Association of Veterinarians in Egg Production
USDA Live Bird Market Working Group
National Poultry Improvement Plan
American Association of Veterinary Laboratory Diagnosticians
Pennsylvania Veterinary Medical Association

ACPV Application for Emeritus Membership

Name: Dr. Danny Magee

Address:

32 Dawnview Drive
Brandon, Mississippi 39042
United States

Email: dlm24@msstate.edu

Phone: (601) 953-3619

Birthplace: Mississippi

Birth date: 1/6/1954

Citizenship/Permanent Residency: United States

Additional Information

How long have you been a member of ACPV?: 29

Resume of your experience in avian medicine:

(Recent positions, please give employer name, title, type of work and years spent)

See below.

What are you doing now?:

I retired from full-time employment with Mississippi State University College of Veterinary Medicine after a total of 31 years of service. I currently have a consulting contract with Merck Animal Health for 30 days per year (approximately 10% of my time).

Other Comments:

Curriculum Vitae

PERSONAL DATA

Name: Danny Landon Magee

Home Address: 32 Dawnview Drive
Brandon, MS 39042

Office Address: Mississippi State University
Poultry Research and Diagnostic Laboratory
P. O. Box 97813
Pearl, MS 39288

Phone Numbers: 601-932-6771 (Office)
601-953-3619 (Mobile)
601-824-1312 (Home)
601-420-4719 (Fax)

Email: dmagee@mvrdl.msstate.edu

Citizen: United States of America

Hobbies: Music

EDUCATIONAL BACKGROUND

1981	MAM (Master of Avian Medicine), University of Georgia Athens, Georgia
1979	DVM, Auburn University Auburn, Alabama
1977	BS, Poultry Science, Mississippi State University Mississippi State, Mississippi
1972	Brookhaven High School Brookhaven, Mississippi

EXPERTISE

Certification of Human Subjects Education

Trained in the protection of human subjects during the conduct of research projects involving human subjects.

Poultry Diseases and Management

I have worked in the poultry industry since 1981 in areas of poultry management, disease prevention and diagnostics. I have worked for a diagnostic laboratory, a primary breeder/broiler production company, a pharmaceutical company, a broiler production company and university.

PROFESSIONAL EXPERIENCE

November 1995 – Present

November 2000 – Present

Director

MSU CVM Poultry Research and Diagnostic Laboratory, Pearl, Mississippi

- Responsibilities of this position include the planning and oversight of the activities, operations and budget of the laboratory.
- Duties include the proposal and formulation of new or revised policies and procedures to ensure the efficiency and effectiveness of the laboratory as well as the safety of its employees.
- Supervise five faculty and five technicians.
- Assist the Executive Director of the Mississippi Veterinary Research and Diagnostic Laboratory System with the system's budgeting and administration.

Clinical Professor, Avian Medicine

College of Veterinary Medicine, Mississippi State University

- Service (80+%) – Technical and production assistance is provided to the commercial poultry production industry of the state of Mississippi. Technical assistance includes but is not limited to diagnostics, health programs, interpretation of laboratory results, processing plant condemnations and efficiency, and communication and interpretation of the latest appropriate research. Assistance is also provided to facilitate the interstate and international export of eggs, chicks, and processed poultry. A combination of Service and Teaching is required to plan, develop, organize, produce and deliver educational workshops for poultry

production personnel. These workshops are designed for multiple small discussion groups of 6 to 12 people led by a facilitator. These discussion groups result in an improved communication flow among poultry production personnel.

- Teaching (up to 10%) – As a member of the CVM general faculty and the graduate faculty, instruction is given to both professional and graduate students. The classroom and field are utilized to expose veterinary students to the opportunities available to them in the areas of avian (poultry) medicine and management. Instruction in poultry disease identification, prevention, and management is also provided to poultry science students.
- Research (up to 15%) – The research needs of the Mississippi poultry industry are identified and communicated to the research faculty at the MSU College of Veterinary Medicine. Research results are also communicated to the industry. The production companies are assisted with appropriate applied research projects and field tests.
- Private Consulting - Technical assistance in health and production management is provided to commercial poultry production companies and the allied industry. Technical assistance includes but is not limited to diagnostics, health programs, interpretation of laboratory results, processing plant condemnations and efficiency, and communication and interpretation of the latest appropriate research.

November 1998 – November 2000

Executive Director

Mississippi Veterinary Diagnostic Laboratory, Jackson, Mississippi

- While fully employed by the Mississippi State University College of Veterinary Medicine, 0.40 FTE was assigned to the Mississippi Veterinary Diagnostic Laboratory by Memorandum of Agreement.
- Responsibilities of this position included the planning, directing, and controlling of the activities of the agency which involved both laboratory operations as well as the fiscal accounting and budgeting activities.
- Duties included the supervision of medical laboratory technologists and veterinarians who supervised the daily operations of the microbiology, serology, hematology, clinical pathology, histopathology, and virology laboratories.
- Duties included the supervision of the business management operations of the agency including the monitoring of revenue and expenditures. This required the recommendation, preparation, and presentation of the agency's budget directly to the Legislative Budget Office of the Mississippi Legislature.

- Duties included evaluation of personnel issues (hiring, promotion, reallocation, termination) within the agency according to the policies and procedures of the State Personnel Board.
- Duties included the proposal and formulation of new or revised policies and procedures to ensure the efficiency and effectiveness of the agency as well as the safety of its employees.
- Duties included the compilation of annual reports relative to agency activities and future expectations.
- Duties included dealing with veterinarians and general public clientele to resolve problems and address future needs.

Clinical Professor, Avian Medicine
 College of Veterinary Medicine, Mississippi State University

- While fully employed by the Mississippi State University College of Veterinary Medicine, 0.60 FTE was designated for this position and 0.40 FTE was assigned to the Mississippi Veterinary Diagnostic Laboratory by Memorandum of Agreement. (The duties of Clinical Professor, Avian Medicine are described in the following.)

November 1995 to November 1998

Clinical Professor, Avian Medicine
 College of Veterinary Medicine, Mississippi State University

- Service (80+%) – Technical and production assistance is provided to the commercial poultry production industry of the state of Mississippi. Technical assistance includes but is not limited to diagnostics, health programs, interpretation of laboratory results, processing plant condemnations and efficiency, and communication and interpretation of the latest appropriate research. Assistance is also provided to facilitate the interstate and international export of eggs, chicks, and processed poultry. A combination of Service and Teaching is required to plan, develop, organize, produce and deliver educational workshops for poultry production personnel. These workshops are designed for multiple small discussion groups of 6 to 12 people led by a facilitator. These discussion groups result in an improved communication flow among poultry production personnel.
- Teaching (up to 10%) – The classroom and field are utilized to expose veterinary students to the opportunities available to them in the areas of avian (poultry) medicine and management. Instruction in poultry disease identification, prevention, and management is also provided to poultry science students.

- Research (up to 15%) – The research needs of the Mississippi poultry industry are identified and communicated to the research faculty at the MSU College of Veterinary Medicine. Research results are also communicated to the industry. The production companies are assisted with appropriate applied research projects and field tests.
- Private Consulting - Technical assistance in health and production management is provided to commercial poultry production companies and the allied industry. Technical assistance includes but is not limited to diagnostics, health programs, interpretation of laboratory results, processing plant condemnations and efficiency, and communication and interpretation of the latest appropriate research.

December 1990 – November 1995

Director of Health and Quality Assurance
McCarty Farms, Inc., Forest, Mississippi

- Monitored and evaluated the health of pullets, breeders, and broilers and advised live production personnel on programs and procedures to maintain the highest quality possible.
- Directed the activities of the Quality Assurance Director, three Quality Assurance Managers, and up to twenty-seven technicians at two slaughter plants and one further-processing plant. Also coordinated the quality assurance programs at these plants to meet company goals.
- Developed and directed a quality control laboratory for the further processing plant to establish and monitor the expected shelf life of various products lines.
- Advised production managers and hatchery managers on egg and chick handling procedures and hatchery sanitation to ensure optimum hatchability and chick quality.
- Developed, implemented, and monitored vaccination, anticoccidial, antibiotic, and biosecurity programs to ensure optimum bird health and production efficiency.
- Designed and conducted field trials to evaluate vaccination, anticoccidial, and antibiotic programs for pullets, breeders, and broilers.
- Worked closely with processing plant and live production personnel to monitor, assess, and resolve broiler condemnation and contamination problems.
- Communicated and worked with USDA FSIS officials at the plant, circuit, and area levels to foster good working relationships and ensure compliance with inspection regulations.
- Coordinated the efforts of consultants and company employees to establish the philosophy of Total Quality Management.
- Kept abreast of technological changes and new government regulations in the poultry industry.

- Evaluated the performance of subordinate quality assurance personnel and recommended pay increases, promotions, transfers, separations and disciplinary action.
- Planned, supervised, and evaluated the work activities of poultry science and veterinary student "interns."

July 1991 – November 1995

Adjunct Professor, Research Program
College of Veterinary Medicine, Mississippi State University

- Research - Poultry industry expertise was provided to the College to increase the quality and scope of the research.
- Teaching - Interacted with veterinary and poultry science students at the university and in the production arena to provide exposure to real-world issues.

March 1987 - December 1990

Associate Professor, Avian medicine
College of Veterinary Medicine, Mississippi State University

- Research (30%) - Efforts in this area are listed under the heading "Research Activities." Research projects can generally be described as originating from the needs of the poultry industry.
- Service (50%) - Technical assistance in health and production management was provided to the owners/producers of poultry, quail and waterfowl. This assistance included farm visits, laboratory diagnostic procedures and advice on health programs and management practices.
- Teaching (20%) - The classroom, laboratory and field were utilized to expose veterinary students to the opportunities available to them in the areas of avian (poultry) medicine and management.
- Private Consulting - Technical assistance in health and production management was provided to commercial poultry production companies and the allied industry. Technical assistance included but was not limited to diagnostics, health programs, interpretation of laboratory results, processing plant condemnations and efficiency, and communication and interpretation of the latest appropriate research.

March 1986 - March 1987

Technical Services Veterinarian
American Cyanamid Company, Wayne, New Jersey

- Technical service was provided to Cyanamid's southeastern large animal accounts and entire US poultry accounts with emphasis on the poultry accounts. This service allowed for customer assistance, problem solving, and transfer of information.
- New poultry and large animal products were field-tested at universities and commercial operations for federal registration purposes.
- Technical training of the animal health sales force involved the transfer of data from the R&D department and commercial operations.
- Technical contact with the appropriate university personnel was maintained.

April 1985 - March 1986

Associate Professor, Avian Medicine
College of Veterinary Medicine, Mississippi State University

- Research (30%) - Efforts in this area are listed under the heading "Research Activities." Research projects can generally be described as having originated from the needs of the poultry industry.
- Service (60%) - Technical assistance in health and production management was provided to the owners/producers of poultry, quail and waterfowl. This assistance included farm visits, laboratory diagnostic procedures and advice on health programs and management practices.
- Teaching (10%) - The classroom, laboratory and field were utilized to expose veterinary students to the opportunities available to them in the areas of avian (poultry) medicine and management.

April 1982 - April 1985

Manager, Quality Assurance and Technical Service (Apr. '82 - Nov. '82)
Director, Quality Assurance and Technical Service (Dec. '82 - Apr. '85)
Peterson Industries, Inc., Decatur, Arkansas

- As Manager, assisted the Director in the performance of the duties listed below.
- Chickens - Responsible for the health of the gene pool, primary breeder, broiler breeder, and broiler flocks. This included the designing and monitoring of vaccination programs; regular periodic monitoring of each breeder flock's antibody status and its relationship to the progeny; problem solving via field

observations, necropsy, and laboratory test interpretations; advice on proper medication and management practices.

- Hatcheries (two) - Monitored sanitation programs, vaccination programs and procedures, and chick quality. Breeder flock performance was evaluated by routine breakout of hatching egg residue.
- Broiler Processing Plant - Observation of processing results for possible identification of and solutions to field problems. Maintained communication with the USDA inspection service.
- Technical Service - Provided assistance to primary breeder customers regarding breeders, hatcheries, and broilers. This was usually in the form of field observations, diagnostic aid, breakouts of hatching egg residue, and advice on vaccines, vaccination programs, and management procedures.
- Supervised three full-time and two part-time employees.
- Miscellaneous veterinary services provided for cattle, dogs, cats and quail.

June 1981 - April 1982

Avian Pathologist
Veterinary Diagnostic Laboratory, Jackson, Mississippi

Duties included:

- Necropsy of poultry, quail, waterfowl, and other avian species.
- Interpretation of virology, bacteriology, histopathology, serology, and toxicology reports.
- Direction and assistance for the virology technicians in avian virology techniques.
- Consulted with poultry production companies on the prevention, treatment and management of poultry diseases.
- Advised poultry companies of needed improvements in poultry husbandry.

August 1979 - June 1981

Veterinary Medical Graduate Assistant
Poultry Disease Research Center (PDRC), University of Georgia, Athens, Georgia

Received specialized training in the diagnosis, treatment, and prevention of poultry diseases. Training included classes, exposure to poultry health and management problems in the field, and work in three poultry diagnostic laboratories (PDRC, Athens, GA; Georgia Poultry Laboratory, Oakwood, GA; Florida Poultry Laboratory, Dade City, FL). The diagnostic laboratories provided hands-on experience with many diagnostic tests and procedures.

PROFESSIONAL MEMBERSHIPS

American Association of Avian Pathologists

American Association of Veterinary Laboratory Diagnosticians

American College of Poultry Veterinarians
Board of Governors 2006-2009
President 2010-2011
Past President 2011-2012

American Veterinary Medical Association

Association of Veterinarians in Broiler Production
(1990 to 1995; Vice President 1995)

Mississippi Poultry Association

Mississippi Veterinary Medical Association

Southern Conference on Avian Diseases
(Director 1988-89, 1989-90, 1990-91)

United States Animal Health Association

World Veterinary Poultry Association

BOARD CERTIFICATION

American College of Poultry Veterinarians (1993)

VETERINARY ACCREDITATION

USDA National Veterinary Accreditation Program (NVAP) – Category II

VETERINARY PRACTICE LICENSES

Alabama (License number 2974)

Arkansas (License number 1600)

Mississippi (License number 528)

AWARDS

2019 Outstanding Field Case and/or Diagnostic Report Award. Presentation made and award received at the 156th AVMA Annual Convention, Washington, DC. August 2019.

Milton Sundbeck Endowed Faculty Award. September 2010.

2008 Outstanding Field Case and/or Diagnostic Report Award. Presentation made and award received at the 145th AVMA Annual Convention, New Orleans, LA, July 2008.

Dean's Pegasus Award for Clinical/Diagnostic/Extension Service. Mississippi State University, College of Veterinary Medicine. 2000.

HONOR SOCIETIES

Auburn University

Phi Zeta - Honor Society of Veterinary Medicine

Mississippi State University

Honor Society of Phi Kappa Phi

Alpha Zeta - Honorary Agricultural Fraternity

Phi Eta Sigma - Freshman Honor Society

Phi Zeta - Honor Society of Veterinary Medicine

PUBLICATIONS: Peer Reviewed

Martin, J.E., McKeegan, D.E.F., Magee, D.L., Armour, N. and Pritchard, D. Pathological consequences of Low Atmospheric Pressure Stunning in broiler chickens. *Animal*. Published online 26 June 2019. DOI: <https://doi.org/10.1017/S1751731119001411>
Print publication: Vol. 14, Issue 1, pp. 129-137, January 2020.

Wilson, Floyd D., Phil Stayer, Lanny W. Pace, Frederic J. Hoerr, and Danny L. Magee. Disarticulation-Associated Femoral Head Separation in Clinically Normal Broilers: Histologic Documentation of Underlying and Predisposing Cartilage Abnormalities. *Avian Diseases*. 63(3):495-505, 2019.

Wilson, Floyd D., Deirdre I. Johnson, Danny L. Magee and Fred J. Hoerr. Testicular Histomorphometrics Including Sertoli Cell Quantitation for Evaluating Hatchability and Fertility Issues in Commercial Broiler-Breeder Roosters. *Poultry Science*. 97(1): 1738-1747, 2018. <https://doi.org/10.3382/ps/pex448>.

Schaf, Kelly L., Robert W. Wills, R. Hartford Bailey, Tung-Lung Wu, Danny Magee, Allen Byrd, Larry Hanson, and Mark Lawrence. Risk factor analysis of *Campylobacter* presence within the broiler production and processing continuum in the southeastern United States. A Dissertation Submitted to the Faculty of Mississippi State University. May 2018

Wilson, Floyd D., Danny L. Magee, Kelli H. Jones, Erica Baravik-Munsell, Timothy S. Cummings, Robert W. Wills and Lanny W. Pace. Morphometric Documentation of a High Prevalence of Left Ventricular Dilated Cardiomyopathy in Both Clinically Normal and Cyanotic Mature Commercial Broiler Breeder Roosters with Comparisons to Market-Age Broilers. *Avian Diseases*. 60(3):589-595, 2016

Jones, Kelli, Bradley Turner, Joao Brandao, Sue Ann Hubbard, Danny Magee, Brittany Baughman, Robert Wills, Thomas Tulley. Pilot study – Colostomy and urine collection protocol for investigating potential inciting causes of hen diuresis syndrome. *Avian Diseases*. 59(2):227-234, 2015.

Pulido-Landínez, M., P. Washington, J.K. Thornton, Y. Zhang, R. Sánchez-Ingunza, A. Banda, J. Guard, V.P. Nascimento, D.L. Magee, and M.J. Mauel. Serotype and Antimicrobial Resistance Patterns of Salmonella Isolates from Commercial Birds and Poultry Environment in Mississippi. *Avian Diseases*. 58(1):64-70, 2014.

Volkova, Victoriya V., Sue Ann Hubbard, Danny L. Magee, J. Allen Byrd, Richard H. Bailey, Robert W. Wills. Effects of broiler feed medications on Salmonella. *Avian Diseases*, 57(3):640-644, 2013.

Pulido-Landínez, Martha, Paul Washington, Jay Kay Thornton, Yi Zhang, Roxana Sanchez-Ingunza, Alejandro Banda, Jean Yvonne Guard, Vladimir Pinheiro do Nascimento, Danny L. Magee, and Michael John Mauel. Serotyping and determination of antimicrobial resistance patterns of Salmonella isolates from commercial birds and poultry environment in Mississippi. (doi: 10.1637/10636-081213-Reg.1) *Avian Diseases*. Posted online October 2013.

Volkova, Victoriya, Danny Thornton, Sue Ann Hubbard, Danny Magee, Tim Cummings, Lynne Luna, Jim Watson, Robert Wills. Factors associated with introduction of infectious laryngotracheitis virus on broiler farms during a localized outbreak. *Avian Diseases* 56(3):521-528, 2012.

Volkova, Victoriya, Danny Thornton, Sue Ann Hubbard, Danny Magee, Tim Cummings, Lynne Luna, Jim Watson, Robert Wills. Factors associated with introduction of infectious laryngotracheitis virus on broiler farms during a localized outbreak. *Avian Diseases Digest*. 7(3):e22-e23, 2012.

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Wilson, Floyd D., Robert W. Wills, Carlos Gabriel Senties- Cué, William R. Maslin, Philip A. Stayer and Danny L. Magee: High Incidence of Glomerulonephritis Associated with Inclusion Body Hepatitis in Broiler Chickens: Routine Histopathology and Histomorphometric Studies, *Avian Diseases* 54(3):975-980, 2010.

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Wilson, F.D., A. Banda, D. Magee, S. Hubbard, K. Jones, L. Pace, E. Riley and P. Stayer. Some Applications of Quantitative Histomorphometry to Poultry Diagnostics and Research. Poster presented at the 62nd Western Poultry Disease Conference, Sacramento, CA. March 25-27, 2013.

Magee, Danny L. The Commercial Poultry Industry in Mississippi and the USA: A Brief History & Description. Presented at the Rotary Club of McComb, McComb, MS. February 27, 2013.

Magee, Danny L. The Commercial Poultry Industry in Mississippi and the USA: A Brief History & Description. Presented at the Institute for Learning in Retirement, Copiah-Lincoln Community College, Wesson, MS. November 13, 2012.

Magee, Danny L. Coccidiosis prevention: Products, programs and results. Mississippi Poultry Intestinal Health Workshop. Presented at Simpson County Branch of Copiah-Lincoln Community College, Mendenhall, MS. September 19, 2012.

Magee, Danny L. Coccidiosis prevention: Products, programs and results. Mississippi Poultry Intestinal Health Workshop. Presented at PRDL, Pearl, MS. September 18, 2012.

Banda, A., F. Wilson, R. Mackey, C. Zhang, T. Tabor, and D. Magee. Observations during the occurrence of vaccinal infectious laryngotracheitis (vILT) in Mississippi during year 2011. 149th AVMA Annual Convention, San Diego, CA. August 4-7, 2012.

Magee, Danny L., Alejandro Banda, Floyd D. Wilson. Laboratory monitoring of young broiler flocks during a vaccinal infectious laryngotracheitis outbreak. Poster presented at the 149th AVMA Annual Convention, San Diego, CA. August 4-7, 2012.

Magee, Danny L. Mg and Ms testing at PRDL: November 2011. Presented at the 2012 Mississippi NPIP Meeting. PRDL, Pearl, MS. June 20, 2012.

Magee, Danny L., Sue Ann Hubbard, Floyd D. Wilson, Robert W. Wills. *Aspergillus fumigatus* in day-old broiler chicks: What does it mean? Presented at the Mississippi Poultry Health Roundtable. Forest, MS. April 25, 2012.

Magee, Danny L., Sue Ann Hubbard, Floyd D. Wilson, Robert W. Wills. *Aspergillus fumigatus* in day-old broiler chicks: What does it mean? Presented at the Poultry Program of the Mississippi Veterinary Medical Association 2012 Winter Meeting. College of Veterinary Medicine, Mississippi State, Mississippi. February 24, 2012.

Magee, Danny L., Mark Burlison, Phil Stayer, Jim Watson. Infectious Laryngotracheitis. Panel discussion at the 2011 MPA Poultry Management School, College of Veterinary Medicine, Mississippi State University, Mississippi State, MS. October 2011.

Magee, Danny L. Poultry industry update. Presentation to the Mississippi Area USDA APHIS VS personnel. Flowood, MS. September 20, 2011.

Magee, Danny L., Sue Ann Hubbard, Floyd D. Wilson, Robert W. Wills. *Aspergillus fumigatus* in day-old broiler chicks: What does it mean? Poster presented at the combined meeting of the 148th AVMA Annual Convention and the Poultry Science Association, St. Louis, MO. July 16-19, 2011.

Byrd, J. A., R. H. Bailey, R. W. Wills, M. L. Rybolt, V. V. Volkova, K. L. Hataway, T. P. Doler, S. A. Hubbard, D. L. Magee. Campylobacter risk assessment on the farm and in the processing plant. Presented at the combined meeting of the 148th AVMA Annual Convention and the Poultry Science Association, St. Louis, MO. July 16-19, 2011.

Hubbard, Sue A., Jason Cater, Danny L. Magee, Jerome Goddard, Kristine T. Edwards. A good case for insomnia: Bedbug infestation in broiler breeders. Presented at the combined meeting of the 148th AVMA Annual Convention and the Poultry Science Association, St. Louis, MO. July 16-19, 2011.

Magee, D. L. Avian influenza in poultry. Presented at the 2011 Mississippi One Health Symposium. University of Mississippi School of Medicine. Jackson, MS. February 19, 2011.

Magee, D. L. MSU CVM diagnostic update. Mississippi Farm Bureau Federation Poultry Winter Commodity Conference. Jackson, MS. January 20, 2011.

Magee, Danny L. Development of the commercial poultry industry: A brief history. Presented at the Mississippi Farm Bureau's 2011 Young Farmers & Ranchers Leadership Conference, Natchez, MS. January 15, 2011.

Magee, Danny L. Coccidiosis Prevention Programs. Presented at the Intestinal Health Workshop for upper level managers. PRDL, Pearl, MS. November 4, 2010.

Magee, Danny L. (for Phil A. Stayer). Biosecurity: pullets and breeders. Presented to pullet and breeder growers for Sanderson Farms, Inc. McComb, MS. October 2010.

Magee, D. L., K. H. Jones, F. D. Wilson, E. D. Baravik, L. W. Pace. Clinical Pathology and Pathological Findings in Cyanotic Broiler Breeder Males (Purple Head Males). Presented at the 147th AVMA Annual Convention, Atlanta, GA. August 2010.

Cummings, T., F. Wilson, D. Magee, S. A. Hubbard. Aspergillosis in broiler breeders like you've never seen. Presented at the 147th AVMA Annual Convention, Atlanta, GA. August 2010.

Wilson, F., K. Jones, D. Magee, and L. Pace. Histomorphometric and histological studies on age-associated changes in the myocardium and arteries of meat-type chickens. Poster presented at the 147th AVMA Annual Convention, Atlanta, GA. August 2010.

Magee, D. L. Mississippi NPIP meeting. Pearl, MS. July 2010.

Magee, D. L. MSU CVM diagnostic update. Mississippi Farm Bureau Federation Poultry Summer Commodity Conference. Raleigh, MS. June 3, 2010.

Magee, D. L. Current pathological conditions that impact broiler breeders. Keynote Speaker at the Scientific Program of the National Convention XXXV ANECA (Asociación Nacional de Especialistas en Ciencias Avícolas de México, A. C.), Hotel Mision de los Angeles, Oaxaca, Oaxaca, México. April 2010.

Magee, D. L. Selected pathological conditions in broiler breeders. Invited Speaker at the XII International Seminar of Avian Pathology and Production. (Organized by the University of Georgia and the Colombian Veterinary Poultry Association, AMEVEA) Athens, GA. April 2010.

K. Jones, D. Magee, S. A. Hubbard, A. Banda, F. Wilson, and T. Cummings. An Investigation into Cases of Severe Flushing in Mississippi Commercial Broilers. 59th Western Poultry Disease Conference. Vancouver, Canada. April 19-21, 2010.

Magee, D. L., J. Cater, E. Baravik, R. W. Wills, S. A. Hubbard, and L. W. Pace. Cyanotic broiler breeder males: why are those heads purple? Presented at the Mississippi Case Reports Meeting. Magee, MS. April 14, 2010.

Wills, R. W., R. H. Bailey, S. Zhang, V. V. Volkova, S. A. Hubbard, D. L. Magee, J. A. Byrd. Distribution of Salmonella serotypes in broilers from day of hatch through immersion chill tank. American Association of Extension Veterinarians Applied and Public Health Research Conference. San Diego, CA. October 2009.

Magee, D. L. Issues That Impact Broiler Breeder Male Mortality and Morbidity. 2009 Georgia Poultry Conference. Athens, GA. September 2009.

Magee, D. L., J. Cater, E. Baravik, R. W. Wills, S. A. Hubbard, and L. W. Pace. Cyanotic broiler breeder males: why are those heads purple? Presented to Tyson Foods Breeder Department, Forest, MS. August 26, 2009.

Magee, D. L., J. Cater, E. Baravik, R. W. Wills, S. A. Hubbard, and L. W. Pace. Cyanotic broiler breeder males: why are those heads purple? Presented at the 146th AVMA Annual Convention, Seattle, WA. July 2009.

Magee, D. L., J. Cater, E. Baravik, R. W. Wills, K. H. Jones, S. A. Hubbard, and L. W. Pace. Cyanotic broiler breeder males. Presented at the MSU CVM DPPM Scholarship Seminar. Pearl, MS. April 28, 2009.

Magee, D. L. Pasteurella multocida: serotypes in Mississippi poultry. Presented at the 142nd Annual AVMA Meeting, Minneapolis, MN. July 2005.

Magee, D. L. Case report: excessive mortality in pen-raised bobwhite quail. Presented at the 141st Annual AVMA Meeting, Philadelphia, PA. July 2004

Magee, D. L., and P. A. Stayer. Case report: clinical Aspergillosis in five-week-old broilers. Presented at the 141st Annual AVMA Meeting, Philadelphia, PA. July 2004

Magee, D. L., and S. A. Hubbard. Case report: efficacy of piperzine for the treatment of roundworms in broiler chickens. Poster presentation, 140th Annual AVMA Meeting, Denver, CO. July 2003.

Magee, D. L. CVM Poultry Laboratory Update. Presented at the Mississippi Farm Bureau Federation 2003 Summer Commodity Conference, Jackson, MS. July 2003.

Wilson, F. and D. L. Magee. Exotic Newcastle disease (END), the California experience and more. Presented at the Poultry Health Roundtable Meeting, Carthage, MS. June 2003.

Magee, D. L. Respiratory disease in Mississippi 2002 – 2003. Presented at the Alabama Veterinary Medical Association Meeting, Orange Beach, AL. May 2003.

Wilson, F., W. R. Maslin, G. L. Luna, J. Mapp, and D. L. Magee. Infectious Laryngotracheitis 2002 – 2003. Presented at the Annual Pathology Meeting, Tifton, GA. May 2003.

Magee, D. L. Laryngotracheitis 2002 – 2003. Presented at the Poultry Health Roundtable Meeting, Carthage, MS. April 2003.

Magee, D. L., S. A. Hubbard and G. L. Luna. CVM Poultry Program Update and LT Disease Update. Presented at the Mississippi Farm Bureau Federation 2003 Winter Commodity Conference, Jackson, MS. March 2003.

Magee, D. L. Laryngotracheitis 2002 – 2003. Presented at the 2003 Winter Meeting of the Mississippi Veterinary Medical Association, Mississippi State, MS. February 2003.

Magee, D. L. Disease training for export to the Russian federation. Presentation to broiler service techs, Collins, MS and Bryan, TX. October 2002.

Magee, D. L. Reovirus: How to identify and control it. Presented at the U.S. Poultry & Egg Association 2002 Poultry Production and Health Seminar, Memphis, TN. September 2002.

Magee, D. L. Poultry disease trends in the USA. Presented at Shandong Liuhe Group, Qingdao, China. September 2002.

Magee, D. L. Poultry disease trends in the USA. Presented at ZhuCheng Poultry Company, Shandong Province, China. September 2002.

Magee, D. L. Poultry disease trends in the USA. Presented at Dayong Company, Henan Province, China. August 2002.

Magee, D. L. Poultry disease trends in the USA. Presented at Hwei Poultry, Anhui Province, China. August 2002.

Magee, D. L. Poultry disease trends in the USA. Presented at the 12th FAVA Congress, Sunway Lagoon Resort Hotel, Kuala Lumpur, Malaysia. August 2002.

Magee, D. L., T. S. Cummings and Sue Ann Hubbard. Case report: Reovirus outbreak in Mississippi. Poster presentation, 139th Annual AVMA Meeting, Nashville, TN. July 2002.

Magee, D. L. Poultry Research and Diagnostic Laboratory update. Presented at the Mississippi Poultry Management School, Jackson, MS. May 2002.

Magee, D. L. CVM poultry program update. Presented at the Mississippi Farm Bureau Federation's 2002 Winter Commodity Conference, Jackson, MS. February 2002.

Magee, D. L. ELISA Testing. Presented at the Mississippi ELISA Seminar, Jones County Junior College, Ellisville, MS. December 2001.

Magee, D. L. Antibiotic Resistance. Presented at the Mississippi Poultry Management School, Jackson, MS. May 2001.

Montgomery, R. D., C. R. Boyle, W. R. Maslin, and D. L. Magee. Intento de la reproduccion del sindrome del enanismo, mediante el uso de agentes infecciosos aislados de pollos afectados en Mississippi. Presented at La Asociacion Nacional de Especialistas en Ciencias Avicolas de Mexico, A. C. October 1998.

Magee, D. L. Challenges in broiler production. Presented at the Mississippi Poultry Management School, Jackson, MS. June 1998.

Magee, D. L. Sudden death syndrome of broiler breeder females. Presented at the Louisiana Poultry Seminar, Shreveport, LA. March 1997.

Magee, D. L. Respiratory vaccination, immunization, and complications. Presented at the Poultry Health Roundtable, Carthage, MS. November 1996.

Magee, D. L. Vaccination theory and the immunization process. Presented at the Alabama Fall Broiler Industry Seminar, Lake Guntersville State Park, AL. October 1996.

Magee, D. L. Hatching egg moisture loss. Presented at the Poultry Health Roundtable, Carthage, MS. February 1996.

Magee, D. L. Laboratory submissions. Presented at the Mississippi Poultry Association's Poultry Management School, Jackson, MS. June 1995.

Magee, D. L. Avian influenza: the disease. Presented at the Poultry Health Roundtable, Carthage, MS. April 1995.

Magee, D. L. Your role in the Mississippi poultry industry. Presented to students of the Poultry Science Department, Mississippi State, MS. April 1995.

Montgomery, R. D., W. R. Maslin, C. R. Boyle, D. L. Magee, and A. T. Leard. Experiences with infectious agents isolated from a runting/stunting condition in broilers. Presented at the 131st Annual AVMA Meeting, San Francisco, CA. July 1994.

Goodwin, M. A., E. C. Player, and D. L. Magee. Intralesional herpesvirus in a flock of broiler chicks with a spiking mortality histogram and diarrhea. Presented at the Forty-Third Western Poultry Disease Conference, Sacramento, CA. 1994.

Brown, J., M. Goodwin, D. Bounous, and D. Magee. Blood sugar levels: correlation of standard test and reagent strip test. Presented at the Forty-Third Western Poultry Disease Conference, Sacramento, CA. 1994.

Magee, D. L. Spiking mortality in Mississippi. Presented at the Poultry Health Roundtable, Carthage, MS. October 1993.

Montgomery, R. D., W. R. Maslin, and D. L. Magee. Modified-live infectious bronchitis vaccines and their effects on the head-associated lymphoid tissue of the chicken. Presented at the 130th Annual AVMA Meeting, Minneapolis, MN. July 1993.

Maslin, W. R., and D. L. Magee. Rapeseed meal toxicosis. Presented at the 21st Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 1993.

Magee, D. L. Recent respiratory status of Mississippi broilers. Presented at the 27th National Meeting on Poultry Health and Processing, Ocean City, MD. October 1992.

Magee, D. L. Respiratory diseases in Mississippi broilers: 1990-1992. Presented at the Poultry Health Roundtable, Carthage, MS. October 1992.

Magee, D. L., R. D. Montgomery, W. R. Maslin, and C. C. Wu. Reproducing a stunting condition in chickens. Poster presentation, 129th Annual AVMA Meeting, Boston, MA. August 1992.

Magee, D. L. Careers in avian medicine. Presented at the 1992 SAVMA Symposium, Mississippi State University. 1992.

Pote, L. M., J. H. Hackathorn, R. W. Keirs, D. L. Magee, and E. F. Cheney. A survey of the incidence of Capillaria sp. infections in pullets in Mississippi. Presented at the Southern Conference on Avian Diseases, Mississippi State, MS. March 1992.

Magee, D. L., R. D. Montgomery, and W. R. Maslin. Reproducing a stunting condition in chickens. Presented at the Poultry Health Roundtable, Carthage, MS. February 1992.

Magee, D. L. Flock health monitoring: an update on the status of anticoccidial programs in Mississippi. Seminar presented to poultry researchers of Eli Lilly and Company, Greenfield, IN. 1990.

Magee, D. L. Recent problems in Mississippi broilers. Presented at the meeting of the Association of Veterinarians in Broiler Production, Rivers Inlet, B.C., Canada. 1990.

Magee, D. L., R. W. Keirs, H. G. Purchase, R. Underwood, C. Boyle and J. Freund. Flock health monitoring: an approach for identifying factors affecting the efficiency of poultry production. Poster presentation, 127th Annual AVMA Meeting, San Antonio, TX. 1990.

Magee, D. L. Poultry health in central Mississippi. Presented at the Mississippi Task Group meeting, Forest, MS. 1990.

Magee, D. L. and R. W. Keirs. An update on avian health monitoring. Presented at the Poultry Health Roundtable, Carthage, MS. 1990.

Magee, D. L., R. W. Keirs, and J. H. Hackathorn. Comparison of anticoccidial programs in Mississippi broilers by trends in gross coccidial lesion scores. Presented at the Southern Conference on Avian Diseases, Raleigh, NC. 1990.

Wu, C. C., T. L. Lin, W. R. Maslin, D. L. Magee and R. W. Keirs. Colonization of chickens with *Staphylococcus aureus*. Presented at the Seventieth Conference of Research Workers in Animal Disease, Chicago, IL. November 1989.

Magee, D. L. Update on avian health monitoring. Presented at the MPA Broiler Production Managers Meeting, Mississippi State, MS. 1989.

Magee, D. L. and R. W. Keirs. Avian health monitoring: results for 1989. Presented at the Poultry Health Roundtable, Carthage, MS. 1989.

Magee, D. L. Diagnosis of coccidiosis and lesion scoring. Presented at the Coccidiosis Seminar, Mississippi State, MS. 1989.

Magee, D. L. and R. W. Keirs. Scabby-hip: a Mississippi problem. Presented at a meeting of the MPA Broiler Production Companies, Forest, MS. 1989.

Magee, D. L. Hatchery microbial monitoring and interpretation. Presented at the Arkansas Poultry Symposium, Fayetteville, AR. 1989.

Magee, D. L. Medications and their applications in the treatment of gamebird diseases. Presented at the Mississippi Gamebird School, Jackson, MS. 1989.

Magee, D. L., B. D. Lott and S. L. Branton. Effects of phosphorus deficiency and cold temperature on the development of ascites in chickens. Presented at the Southern Conference on Avian Diseases, Athens, GA. March 1989.

Magee, D. L. and R. W. Keirs. Coccidiosis in Mississippi broilers. Presented at the Agri-Bio Seminar, Lumberton, MS. 1989.

Magee, D. L. Drug use in broilers. Presented at the Sanderson Farms Production Managers Meeting, Laurel, MS. 1989.

Magee, D. L. and R. W. Keirs. Avian Health Monitoring Workshop. Forest, MS. 1988.

Magee, D. L. Monitoring programs for the poultry industry. Presented at the Salsbury Poultry Health Short Course, Charles City, IA. 1988.

Magee, D. L. Status of respiratory problems in broilers. Presented to a MSD-AGVET sponsored meeting of the broiler producing companies, Forest, MS, and Bossier City, LA. 1988.

Magee, D. L. Mississippi lesion scores. Presented at the MPA Poultry Management School, Jackson, MS. 1988.

Magee, D. L. Gamebird diseases. Presented at the Mississippi Gamebird School, Jackson, MS. 1988.

Magee, D. L. Skin problems. Presented at the Louisiana Poultry Seminar, Bossier City, LA. 1987.

Magee, D. L. Internal parasites and their treatments. Presented at the 54th Annual Convention and Short Course of the North American Gamebird Association, Biloxi, MS. 1986.

Magee, D. L. Water quality. Presented at the Annual Hatchery-Breeder Workshop, Mississippi State University College of Veterinary Medicine, Mississippi State, MS. 1985.

Magee, D. L. Utilization of the computer in an egg breakout program. Presented at the Sixteenth Annual Arkansas Poultry Symposium, Fayetteville, AR. 1985.

Magee, D. L. Infectious bursal disease. Presented at the College of Veterinary Medicine, Mississippi State University, Mississippi State, MS. 1985.

Magee, D. L. Infectious bursal disease. Presented at the 1984 Poultry Health Seminar. Atlanta, GA. 1984.

Magee, D. L. Quality control in the hatchery. Presented at the Fifteenth Annual Arkansas Poultry Symposium, Fayetteville, AR. 1984.

Magee, D. L. Respiratory diseases and ventilation management. Presented at the 1983 Peterson Broiler Growers Meeting, Decatur, AR. 1983.

Magee, D. L. Respiratory problems of poultry. Presented at the Poultry Management School of the Mississippi Poultry Association, Jackson, MS. 1982.

RESEARCH

Reviewed the five-year research project plan for Dr. Jeffrey Evans at the request of Dr. Sharon J. Jett, Program Analyst for the Southeast Area, USDA ARS. February 2021.

Emergency Care Veterinarian for IACUC Protocol 20-458. November 2020.

Emergency Care Veterinarian for IACUC Protocol 20-260. October 2020.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. September 2020.

Emergency Care Veterinarian for IACUC Protocol 20-335. August 2020.

Emergency Care Veterinarian for IACUC Protocol 20-333. August 2020.

Emergency Care Veterinarian for IACUC Protocol 20-267. July 2020.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. March 2020.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. \$125,000 (est.) for the reimbursement of expenses related to testing for avian influenza. April 1, 2020 – March 31, 2021.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. October 2019.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. April 2019.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. \$127,577 for the reimbursement of expenses related to testing for avian influenza. April 1, 2019 – March 31, 2020.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. \$129,882.74 for the reimbursement of expenses related to testing for avian influenza. April 1, 2018 – March 31, 2019.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. Reimbursement of expenses up to \$112,187 related to testing for avian influenza. April 1, 2017 – March 31, 2018.

Discussed project with Evonik. February 28, 2018.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. April 2018.

Dr. Michele Guerin, Associate Professor, Poultry Epidemiology, Department of Population Medicine. Ontario Veterinary College, University of Guelph, Ontario, Canada. Spent two weeks at PRDL on Study/Research leave to generate new ideas for teaching poultry health

management to senior veterinary students; and to explore opportunities for research collaborations. May/June 2018.

Discussed applied research project involving the *i-STAT* blood chemistry analyzer with Drs. Erin Riley and Will Dillard. October 15, 2018.

Discussed preliminary plans for a laboratory trial with product from Pure Bioscience. Nov. 7, 2018.

Assisted TechnoCatch in Kosciusko, MS with a research request from the European Food Safety Authority (EFSA) to assess their Low Atmospheric Pressure Stunning (LAPS) system for broilers. The aim of the project was to evaluate broilers for signs of organ abnormalities. April 2017.

IACUC Protocol 17-401. Determining the effect of feed quality on poultry performance. (Provide medical care as needed.) August 28, 2017.

IACUC Protocol 17-403. Efficacy of various feed additives for advancing poultry production. (Provide medical care as needed.) September 5, 2017.

IACUC Protocol 17-554. Effects of housing system and nutrients on performance, egg production, gut health and welfare qualities in White Leghorn W36 and Hy-Line Brown hens. (Provide medical care as needed.) September 27, 2017.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. October 2017.

Assisted USDA ARS with final necropsy of a pen trial. October 4, 2017.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. Reimbursement of expenses up to \$118,455 related to testing for avian influenza. Feb. 2016.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. April 2016.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. October 2016.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. Reimbursement of expenses up to \$118,455 related to testing for avian influenza. January 2015.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. April 2015.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. October 2015.

Final report to USPEA: Investigations into Hen Diuresis. Kelli Jones, Bradley Turner, Thomas Tulley, Joao Brandao, Robert Wills, Sue Ann Hubbard, and Danny Magee. Utilizing urinalysis post-colostomy for investigating potential inciting causes of hen diuresis syndrome. October 2014.

Secured additional USDA reimbursement funds of \$45,065 to cover equipment related to avian influenza testing: real-time PCR; microcentrifuge; Hamilton diluter; multichannel pipette; plate washer. Fall 2014.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. April 2014.

The PRDL animal care facility passed the MSU-IACUC semi-annual review. October 2014.

Pox challenge study with Hubbard male chicks. February 20 – March 6, 2014.

USDA Cooperative Agreement administered through the Mississippi Board of Animal Health. Reimbursement of expenses up to \$118,455 related to testing for avian influenza. Spring 2014.

Received IACUC approval #13-130 for the project titled “Studies with poultry infectious agents.” November 21, 2013.

IACUC semiannual facilities inspection of the MVRDL/PRDL animal facility. October 2, 2013.

Completed project: Collaborative studies of cyanosis in broiler breeders. Proposal requested by US Poultry and Egg Association. Principal Investigator. \$28,327. Submitted July 2010. Accepted September 2010. Funded November 1, 2010 through December 1, 2013.

Contract with the Mississippi Board of Animal Health for AI surveillance of the live bird market system in Mississippi. Up to a total of \$30,000 through a grant from the USDA. April 2012 to March 2013.

IACUC semiannual facilities inspection of the MVRDL/PRDL animal facility. March 28, 2013.

Completed Project #F047: Pilot Study – Colostomy and Urine Collection Protocol for Investigating Potential Inciting Causes of Hen Diuresis Syndrome. Co-investigator. \$14,358. 2012 submitted to and accepted by the US Poultry and Egg Association. 2013.

Proposal: Food-borne zoonotic transmission of pathogens expressing carbapenemase-mediated antimicrobial resistance as an emerging food safety issue. Collaborator. Submitted to USDA in December 2012.

Contract with the Mississippi Board of Animal Health for AI surveillance of the live bird market system in Mississippi. Up to a total of \$30,000 through a grant from the USDA. April 2011 to March 2012.

Participated in equipping, evaluating and finalizing the MVRDL/PRDL animal research rooms. 2011 – 2012.

Serological testing of wild birds for USDA/APHIS/WS/NWRC. June – July 2011.

Conference call interview with MSU MBA students regarding market research they were doing for a company that has developed an automated vaccinator unit for use in the poultry industry. June 2011.

Investigating potential inciting causes of hen diuresis syndrome. Full proposal requested by US Poultry and Egg Association. Co-Principal Investigator. \$57,585. Submitted July 2011.

Encouraged PRDL faculty to investigate the clinical importance of *Mannheimia hemolytica* in clinical poultry cases. March 2011.

NPIP Lowpath AI Laboratory Contract. Mississippi Board of Animal Health, Co-Principal Investigator, \$98,280. MSU Award No. 013919-001. January 2011 – December 2011.

Contract with the Mississippi Board of Animal Health for AI surveillance of the live bird market system in Mississippi. Up to a total of \$30,000. April 2009 to March 2010.

NPIP Lowpath AI Contract 2009-2010, Mississippi Board of Animal Health, Co-Principal Investigator, \$94,080. MSU Award No. 013557-001. April 2009 – March 2010.

Proposal: Collaborative Studies on Cyanosis in Broiler Breeders, Co-Principal Investigator, submitted to meat-type poultry primary breeders Avigen and Cobb, July 2009

NPIP Lowpath AI Contract 2008, Mississippi Board of Animal Health, Co-Principal Investigator, \$94,080. March 2008.

NPIP Lowpath AI Contract 2007, Mississippi Board of Animal Health, Co-Principal Investigator, \$66,660. March 2007.

Avian Influenza Risk Assessment, Mississippi Board of Animal Health, Co-Principal Investigator, \$54,011.00, 11/2006 -- 10/2007

NPIP Highpath AI contract 2007, MS Board of Animal Health, Co-Principal Investigator, \$45,000.00, 08/2006 -- 07/2008

APHIS Animal Health Technical Assistance Contract, USDA FAS; USAID, Principal Investigator, \$37,104.00, 08/2006 -- 03/2008

Risk Factor Analysis of Salmonella and Campylobacter Flock Status in Broiler Production and Processing, NRICGP, Collaborator, \$1,018,572.00, 09/2002 -- 09/2007

Risk Analysis of Salmonella Levels in the Broiler Production Continuum, Mississippi Agricultural and Forestry Experiment Station, Co-Principal Investigator, \$168,906.00, 09/2001 -- 09/2002

Risk Analysis of Salmonella and Campylobacter Flock Status in Broiler Processing, Co-Principal Investigator, \$1,196,179.00, 09/2001 -- 09/2002

Received Certification of Human Subjects Education from the MSU Office of Research and Institutional Review Board (IRB), a required training program for all investigators who use or plan to use human subjects in research. June 2003.

Joined the Integrated Poultry Surveillance Group associated with the Food and Waterborne Diseases Integrated Research Network. November 2002.

Risk Factor Analysis of Salmonella and Campylobacter Flock Status in Broiler Processing. R. H. Bailey and R. W. Wills. (D. L. Magee et. al., Collaborators). Grant proposal submitted to USDA (FEB 2002). \$593,355.

Risk Factor Analysis of Salmonella and Campylobacter Flock Status in Broiler Production and Processing. R. W. Wills and R. H. Bailey. (D. L. Magee et. al., Collaborators). Grant proposal submitted to USDA (JAN 2002). \$1,196,179.

Risk Analysis of Salmonella Levels in the Broiler Production Continuum. R. H. Bailey, R. W. Wills, D. L. Magee and S. A. Hubbard. Grant proposal submitted to Mississippi Agricultural & Forestry Experiment Station (SEP 2001). \$168,906.

Effect of Newcastle & Infectious Bronchitis Vaccines on the Head-Associated Lymphoid Tissue of the Chicken. R. D. Montgomery, W. R. Maslin, C. R. Boyle, and D. L. Magee. (1994)
Funded by Southeastern Poultry & Egg Association.

The Role of Local Immunity in Protecting Chickens Against Respiratory Diseases: (JUL 1990)
\$41,061

Safety of Danofloxacin in Broiler Chicks. Co-Principal Investigator (JUN 1990)

Safety of Danofloxacin in Broiler Chicks. (JUL 1990)

Drug Sensitivity of Coccidia in Broiler Operations: (SEP 1989) \$12,000

Flock Health Monitoring: An Approach for Identifying Factors Affecting the Efficiency of Poultry Production. (JUL 1989) (CSRS Project MIS-2971)

Battery Evaluation of Experimental Anticoccidial: (JUL 1989) \$15,000

Coccidiostat Sensitivity Studies: (JUL 1989) \$6,300

Safety and Efficacy of CP-76,136 (Danofloxacin) in the Treatment and Control of E. Coli Respiratory Disease in Commercial Broiler Flocks: (MAY 1989) \$11,804

Ceftiofur Na in Day-Old Chicks for Terminal Bacterial Infections-Dose Titration: (MAR 1989)
\$14,520

Ascites in Chickens as Affected by Available Phosphorus and Temperature. Co-operative Project with USDA South Central Poultry Research Laboratory. (OCT 1988).

Flock Health Monitoring: Data Management. (AUG 1987)

Flock Health Monitoring: Routine Necropsy. (JUL 1984) (CSRS Project MIS-2954)

TEACHING / ACADEMICS

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with one CVM graduate student. Provided nine hours of lecture, primarily on parasites of poultry. Summer 2021.

Spoke to the 1st year CVM class (Class of 2025) about "Career Pathways – Poultry Medicine." Professional Development 1. July 2021.

Laboratory Diagnostic Services (CVM 8801) – 1 to 2 days per week supervise graduate students and student externs/visitors in poultry necropsy and diagnostic services. 2021.

Member of the graduate advisory committee for Rachel Thiemann, DVM, Master of Science degree candidate. 2020 – 2022.

Member of the graduate advisory committee for Gunnar Dunnam, DVM, Master of Science degree candidate. 2021 – 2023.

Provided a two-hour review of poultry diseases for the CVM Class of 2022 in the NAVLE review course. November 8, 2021.

Ten (10) students with interest in poultry medicine (three from MSU and seven external students) visited the PRDL during 2021.

Two students spent multiple weeks in the laboratory for the lab/pathology experience. 2021.

Working with the PRDL team of poultry veterinarians, hosted, reviewed application materials, and interviewed five applicants for the MSU Master of Science, Veterinary Medical Science (Poultry) program, selecting one to begin the program in June 2022. December 2021.

Scheduled ten (10) poultry field trips for CVM's Population Medicine Rotation. The first three were actual trips to visit the poultry production industry. Due to COVID-19, the remaining seven were virtual trips which involved a case study and a PowerPoint virtual tour of the poultry industry. A total of 80 students were involved. Magee & Armour hosted the students on the seven virtual field trips.

Working with the PRDL team of poultry veterinarians, hosted, reviewed application materials, and interviewed four applicants for the MSU Master of Science, Veterinary Medical Science (Poultry) program, selecting one to begin the program next June. December 2020.

Four students with interest in poultry medicine (two from MSU and two external students) planned to visit the PRDL during 2020. Due to COVID-19, the two external students had to cancel because of travel restrictions enforced by their respective universities. Therefore, only the two MSU students were able to spend time with us at the PRDL.

Provided a two-hour review of poultry diseases for the CVM Class of 2021 in the NAVLE review course. October 27, 2020.

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with one CVM graduate student. Provided nine hours of lecture, primarily on parasites of poultry. Summer 2020.

Laboratory Diagnostic Services (CVM 8801) – 1 to 2 days per week supervise graduate students and student externs/visitors in poultry necropsy and diagnostic services. 2020.

Member of the graduate advisory committee for Rachel Thiemann, DVM, Master of Science degree candidate. 2020 – 2022.

Secured commitment for funding from Elanco Animal Health (\$20,000) to support poultry graduate student education. Turned this over to CVM Foundation (Jimmy Kight) for final paperwork and collection. May 2020.

Secured commitment for funding from Merck Animal Health (\$45,000) to support poultry graduate student education. Turned this over to CVM Foundation (Jimmy Kight) for final paperwork and collection. March 2020.

Secured commitment for funding from BioChek (\$22,500) to support poultry graduate student education. Turned this over to CVM Foundation (Jimmy Kight) for final paperwork and collection. January 2020.

Special Species – Poultry (CVM 5183) – Due to COVID-19, recorded 3 hours of lecture for students to review online. April 2020.

Two hour lecture for 29 undergraduate students in the MSU Poultry Science Department in Diseases of Poultry (PO 2033). January 27, 2020.

Member of the graduate advisory committee for Eric Orozco, DVM, Master of Science degree candidate. 2018 – 2020.

Secured verbal commitment for funding from Merck Animal Health (\$45,000) to support poultry graduate student education. November 2019.

Working with the PRDL team of poultry veterinarians, hosted, reviewed application materials, and interviewed five applicants for the MSU Master of Science, Veterinary Medical Science (Poultry) program, selecting one to begin the program next June. December 2019.

Scheduled twelve (12) poultry field trips for CVM's Population Medicine Rotation. Total of 87 students involved. Magee hosted the students on five of these field trips. 2019

Co-hosted 6 visiting student externs for eight weeks during 2019. This involved performing laboratory tours, necropsy examinations, lectures, discussions and interviews (for applicants to the PRDL Poultry Masters program) with student externs/visitors from the following universities/institutions: Mississippi State University (1 student extern); St. George's University (2 student externs & MS program applicants); Texas A&M University (1 student extern & MS program applicant); North Carolina State University (1 student extern & MS program applicant); Colombia (1 veterinarian and MS program applicant).

Secured funding from Elanco (\$40,000) to support poultry graduate student education and travel. April 2019.

Poultry Medicine and Management DIS (CVM 7000) – Five hours of lecture and discussion concerning pharmacology for the two poultry residents at the MSU Poultry Research & Diagnostic Lab in Pearl, MS. April 17, 2019.

Special Species – Poultry (CVM 5183) – lecture at CVM – 3 hours. April 16, 2019.

Two (2) hour lecture for 22 undergraduate students in the MSU Poultry Science Department in Diseases of Poultry (PO 2033). January 28, 2019.

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with one CVM graduate student. Provided nine hours of lecture, primarily on parasites of poultry. Fall 2019.

Laboratory Diagnostic Services (CVM 8801) – 1 to 2 days per week supervise graduate students and student externs/visitors in poultry necropsy and diagnostic services.

Provided a two-hour review of poultry diseases for the CVM Class of 2020 in the NAVLE review course. October 25, 2019.

Member of the graduate advisory committee for Hailey Quercia, DVM, Master of Science degree candidate. 2019 – 2021. (Withdrew from the program December 2019)

Member of the graduate advisory committee for Eric Orozco, DVM, Master of Science degree candidate. 2018 – 2020.

Member of the graduate advisory committee for Leslie Johnson, DVM, Master of Science degree candidate. 2017 – 2019.

Working with the PRDL team of poultry veterinarians, hosted, reviewed application materials, and interviewed six applicants for the MSU Master of Science, Veterinary Medical Science (Poultry) program, selecting one to begin the program in June 2019.

Committee Member for Ph.D. candidate Kelly Lee Hataway. 2017 – 2018.

Committee Member for Master degree candidate Yu-Bin Chou. 2017- 2018.

Member of the graduate advisory committee for Jessica Hockaday, DVM, Master of Science degree candidate. 2016 – 2018.

Seven externs from outside of MSU (Kansas State University, University of Georgia, Iowa State University, North Carolina State University, University of Minnesota, and UNAM) visited the PRDL and the poultry industry for a total of eleven (11) weeks. 2018.

Working with the PRDL team of poultry veterinarians, hosted, reviewed application materials, and interviewed six applicants for the MSU Master of Science, Veterinary Medical Science (Poultry) program, selecting one to begin the program in June 2018.

Provided a two-hour review of poultry diseases for the CVM Class of 2019 in the NAVLE review course. October 26, 2018.

Yu-Bin Chou thesis defense. MSU CVM, Mississippi State, MS. October 3, 2018.

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with one CVM graduate student. Fall 2018.

Scheduled eleven (11) poultry field trips for CVM's Population Medicine Rotation. Total of 88 students involved. Magee hosted the students on five of these field trips. 2018

Dr. Michele Guerin, Associate Professor, Poultry Epidemiology, Department of Population Medicine. Ontario Veterinary College, University of Guelph, Ontario, Canada. Spent two weeks at PRDL on Study/Research leave to generate new ideas for teaching poultry health management to senior veterinary students; and to explore opportunities for research collaborations. May/June 2018.

Special Species (Poultry) lecture at CVM – 3 hours. April 17, 2018.

Secured funding from Elanco (\$40,000) to support poultry graduate student education and travel. April 2018.

Two (2) hour lecture for 35 undergraduate students in the MSU Poultry Science Department in PO 2033 Diseases of Poultry. March 19, 2018.

Kelly Hataway Schaf's PhD defense. MSU CVM. March 9, 2018.

Secured funding from Elanco (\$40,000) to support poultry graduate student education and travel. March 2017.

Two (2) hour lecture for 14 undergraduate students in the MSU Poultry Science Department in PO 2033 Diseases of Poultry. March 6, 2017.

Special Species (Poultry) lecture at CVM – 2 hours. April 13, 2017.

Poultry field trips for Population Medicine Rotation students. 2017.

- 6 students - Peco – 1 farm, 1 hatchery
- 7 students - Tyson – 3 farms, 1 hatchery
- 8 students - USDA ARS – 1 farm, 6 houses

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with five graduate students – one from CVM and four from Poultry Science. Fall 2017.

Two (2) hour wet lab for the MSU CVM Student Chapter, Disaster Animal Response Team. Highly Pathogenic Avian Influenza Training and Wet Lab: Diagnostic Sampling. Saturday September 23, 2017.

Two (2) hour lecture for 40 undergraduate students in the MSU Poultry Science Department in Broiler Production class. October 10, 2017.

Provided a two-hour review of poultry diseases for the CVM Class of 2018 in the NAVLE review course. October 27, 2017.

Wet lab – poultry necropsy. For the Small Ruminant, Swine and Poultry Club. MSU CVM, Mississippi State, MS. Saturday November 18, 2017.

Five externs from outside of MSU (Kansas State University, University of Florida, Iowa State University, UNAM) and two MSU CVM students visited the PRDL and the poultry industry. 2017.

Two (2) hour lecture for undergraduate students in the MSU Poultry Science Department in PO2033 Diseases of Poultry. March 7, 2016.

Special Species (Poultry) lecture at CVM – 2 hours. April 11, 2016.

Secured funding from Zoetis (\$20,000) to support poultry graduate student education and travel. Spring 2016.

One Dual Degree student, Shelby Harris, Class of 2016, at the PRDL. Spring & Summer 2016.

Course leader for the Advanced Diseases of Poultry class (CVM 8113) with four graduate students – one from CVM and three from Poultry Science. Fall 2016.

Eight externs from outside of MSU (Oregon State University; North Carolina State University; Western University, Kansas State University, University of Georgia, University of Florida, Cornell) to visit the PRDL and the poultry industry. 2016.

Set up and accompanied 15 students (CVM graduate & externs) on 11 poultry field trips to 24 sites. 2016.

Provided a two-hour review of poultry diseases for the CVM Class of 2017 in the NAVLE review course. October 27, 2016.

Member of the graduate advisory committee for Jessica Hockaday, DVM, who should complete requirements for a Master of Science degree in 2018.

Senior year advisor for three CVM students: Loeffler, Hutter and Harris. 2015.

Three (3) hour lecture for 23 undergraduate students in the MSU Poultry Science Department in VS 2033 Diseases of Poultry. February 16, 2015.

Master's degree oral comprehensive exam for Myles Hill at MVRDL/PRDL. March 6, 2015.

Master's degree oral defense for Kevin Maschek at MVRDL/PRDL. March 9, 2015.

Special Species (Poultry) lecture at CVM – 2 hours. April 13, 2015.

Advanced Clinical Rotation for Tamara Loffler at MVRDL/PRDL. May 4-15, 2015.

Secured funding from Merck Animal Health (\$2100) to support poultry graduate student travel expenses during 2015-2016. June 2015.

Alcorn State University Ag Discovery Program. Contact hours = 3. Conducted wet labs in necropsy, microbiology, and virology for 20 high school students. Accompanied by 5 adults. June 18, 2015.

Two Dual Degree students in the Class of 2016 at the PRDL. Fall 2015.

Five graduate students in the Advanced Diseases of Poultry class (CVM 8113) – two from CVM and three from Poultry Science. Fall 2015.

Three externs from outside of MSU (Iowa State University; North Carolina State University; University of Tehran) to visit the PRDL and the poultry industry. October 12-23, 2015.

One graduate veterinarian considering a career change to poultry visited the poultry industry via the PRDL. October 14, 2015.

Spoke to the students of the Small Ruminant, Swine, and Poultry Club. MSU College of Veterinary Medicine. October 16, 2015.

Provided a two-hour review of poultry diseases for the CVM Class of 2016 in the NAVLE review course. November 2, 2015.

Set up and accompanied 25 students (CVM professional, CVM graduate, externs) on 14 poultry field trips to 32 sites. 2015.

Member of the graduate advisory committee for Kevin Maschek, DVM, who received a Master of Science degree in May 2015.

Major Professor for Myles Hill (CVM Class of 2015) who received a Master of Science degree in May 2015.

Faculty advisor for Tyler Gamble's fourth year at CVM.

Field trips for CVM students. Set up and accompanied 37 students on 11 poultry field trips to 25 sites in 2014.

Member of the graduate advisory committee for Kevin Maschek. 2014.

Major Professor for Myles Hill (CVM Class of 2015) in the CVM Dual Degree program for poultry. 2014.

Veterinary student externships. Set up and accompanied 3 students from 3 universities (LSU; Iowa State University; U of Edinburgh, Scotland) on 7 field trips in 2014.

Recruited applications from two external students for the post-DVM Poultry Specialty Residency at Mississippi State University College of Veterinary Medicine. 2014.

Provided a two-hour review of poultry diseases for the CVM Class of 2015 in the NAVLE review course. October 2014.

Co-ordinated the teaching of the graduate level class, Advanced Diseases of Poultry (CVM 8113) for eight students – 2 from CVM and 6 from Poultry Science. Fall 2014.

Faculty advisor for Tyler Gamble's fourth year at CVM. Fall 2014.

Alcorn State University students. Ag Discovery Program. Contact hours = 3. Conducted necropsy wet lab to teach anatomy and physiology to 19 high school students. Accompanied by 5 adults. June 2014.

Special Species (CVM 5183): Poultry Parasites. Lecturer. April 2014.

Guest lecturer to Poultry Science undergraduate students in Diseases of Poultry (VS 2033). March 24, 2014.

Interviewed two students (Oklahoma State University and University of California, Davis) for the post-DVM Poultry Specialty Residency at Mississippi State University College of Veterinary Medicine. Spring 2014.

CVM clinical rotations for 4th year students. Contact hours = 161. Set up and accompanied 30 students on 21 poultry field trips in 2013.

Veterinary student externships. Contact hours = 14. Set up and accompanied 5 students from 3 universities on 3 field trips in 2013.

Became Major Professor for Myles Hill (CVM Class of 2015) in the CVM Dual Degree program for poultry. December 2013.

Provided a two-hour review of poultry diseases for the CVM Class of 2014 in the NAVLE review course. November 2013.

Became faculty advisor for Tyler Gamble's fourth year at CVM. November 2013.

Member of the graduate advisory committee for Kevin Maschek. Fall 2013.

Hosted 2 graduate students from the University of Georgia at the MSU Poultry Research and Diagnostic Laboratory. Contact hours = 4. October 2013.

Hired the first poultry Resident/Graduate Student (Kevin Maschek) to be housed at the PRDL in Pearl, MS. July 2013.

Jackson State University students. Contact hours = 4. Conducted laboratory tour and necropsy wet lab to teach anatomy and physiology to 6 college students. April 2013.

Alcorn State University students. Contact hours = 3. Conducted necropsy wet lab to teach anatomy and physiology to 6 college students. April 2013.

Special Species (CVM 5183): Poultry Parasites. Lecturer. April 2013.

Poultry Diseases (VS 2033): Laboratory diagnostics. Lecturer. March 2013.

Veterinary Anatomy I (CVM 5046): Poultry anatomy laboratory. February 2013.

Interviewed eleven applicants for the CVM Class of 2017. February 11 & 12, 2013.

Arranged and hosted three (3) field trip days to expose Ph.D. candidate Kelly Lee Hataway to segments of the commercial broiler industry – pullets, breeders, hatcheries, broilers, and live haul. January 23 – 25, 2013.

For two weeks hosted an extern in poultry medicine from Oklahoma State University. This student was exposed to multiple aspects of live production in the commercial poultry industry (meat and egg production), laboratory diagnostics, backyard birds, poultry processing and food safety. June 18-29, 2012.

Special Species (CVM 5183): Poultry Parasites. Lecturer. April 2012.

Hosted Dr. Nobuko Wakamatsu, Assistant Professor in anatomic pathology at LSU, for one week at PRDL to assist in her preparation for the board exam for the American College of Poultry Veterinarians. March 2012.

Interviewed seven applicants for the CVM Class of 2016. February 2012.

Committee Member for Ph.D. candidate Kelly Lee Hataway. 2009 – 2013.

For two weeks hosted an extern in poultry medicine from Kansas State University. This student was exposed to multiple aspects of live production in the commercial poultry industry, laboratory diagnostics, backyard birds, federal regulatory medicine (FSIS and APHIS), poultry processing and food safety. December 5 – 16, 2011.

Lab instruction, field trips and/or research trials with 4th year MSU CVM students rotating to the emergency clinic in Flowood, MS. In the laboratory, students receive instruction in diagnostic and regulatory medicine. On field trips the students experience the interaction with the poultry

industry client. On some occasions these students participate in clinical poultry research trials. Poultry veterinarians at PRDL rotate the schedule to host these students. May 2011 - present.

Special Species (CVM 5183): Poultry Parasites. Lecturer. April 2011.

Hosted two CVM Senior students for avian externships, one for two weeks, one for four weeks. These students were exposed to the commercial poultry industry, laboratory diagnostics, backyard birds, zoo birds, poultry research trials, USDA ARS research, regulatory medicine (state and federal), poultry processing and food safety. March 14 – April 11, 2011.

Career Opportunities in Veterinary Medicine (VS 1012). Lecturer. March 2011.

For two weeks hosted an extern in poultry medicine from the University of Pennsylvania. This student was exposed to the commercial poultry industry, laboratory diagnostics, backyard birds, zoo birds, poultry research trials, USDA ARS research, regulatory medicine (state and federal), poultry processing and food safety. March 12 – 26, 2011.

Level 2 reappointment to Graduate Faculty. March 2011.

Advanced Poultry Diseases (CVM 8113). Discussion format. For this course, three students participated from main campus (Starkville) and one from the MVRDL/PRDL (Pearl). To facilitate the discussions of the group we utilized our video conferencing equipment. Spring 2011.

Interviewed applicants for the CVM Class of 2015. February 2011.

Special Species (CVM 5183): Poultry Parasites. Lecturer. April 2010.

Introduction to Veterinary Medical Careers (VS 1012). Lecturer. March 2010.

Interviewed applicants for the CVM Class of 2014. February 2010.

Veterinary student field trips to the poultry industry. Students were exposed to the operations of the commercial poultry industry. January and August 2010.

Advanced Poultry Diseases (CVM 8113). Lecturer. September 2009.

Veterinary student field trips to the poultry industry. 2009.

Diseases of Poultry (VS 2033). Taught poultry serology as a guest lecturer. April 2009.

Special Species (CVM 5183): Poultry Parasites. Guest lecturer. April 2009.

Met with Dr. Keith Coble and his graduate student to discuss the development of a biosecurity survey for Sanderson Farms. This project was initiated by USDA to help understand the economic risks associated with reportable highly pathogenic poultry diseases. April 2009.

Introduction to Veterinary Medical Careers (VS 1012). Guest lecturer. March 2009.

Introduction to Population Systems: Poultry. Guest lecturer. February 2009.

Interviewed applicants for the CVM Class of 2013. February 2009.

COMMITTEES, etc.

AAAP Program Committee Chair. 2015 – 2018.

AAAP Program Committee. 2013 – 2018.

AVMA Convention Education Program Committee. Member 2015 – 2018.

Association of Poultry Primary Breeder Veterinarians. Member, 2015 – 2018.

MVMA Program/CE Task Force. 2015 – Present.

MVMA Government Affairs Task Force. 2015 – Present.

Avian Influenza Crisis Group. Mississippi State University. Fall 2015

Poultry Veterinary Advisory Council for Bayer Animal Health. September 2015 – 2017.

American College of Poultry Veterinarians Job Analysis Committee. 2012 – 2013.

AVMA Clinical Practitioners Advisory Committee (CPAC)
Subcommittee on prohibition of cephalosporin usage
March 2011 – March 2012

AVMA Clinical Practitioners Advisory Committee (CPAC)
Member representing American Association of Avian Pathologists
July 11, 2009 – August 4, 2012 (first term)
August 2012 – July 2014 (second term)

Nominated by the AVMA's CPAC and COBTA to serve as the avian representative on the FDA's Veterinary Medicine Advisory Committee (VMAC) – January 2011.

MPA Emergency Poultry Disease Task Force. 2010 – Present.

MVMA Program Committee. 2009 – 2014.

MSU College of Veterinary Medicine Non-Tenure Track Promotion Committee. 2009 – June 30, 2015.

MSU CVM Search Committee (chair) for a poultry veterinarian. Sept. 2008 – Jan. 2009.

MVRDL Pathologist Search Committee. 2019.

MVRDL Pathologist Search Committee. Fall 2009.

MSU DAFVM Faculty Senate. 2009-2014.
Faculty Affairs Subcommittee of the MSU DAFVM Faculty Senate. 2009-2011.

Charter and Bylaws – Standing Committee. 2012 – 2013.

MVRDLS Quality Advisory Committee. April 2009 – Present.

AVMA Clinical Practitioners Advisory Committee
Alternate Member representing American Association of Avian Pathologists
July 15, 2006 – July 11, 2009

MVMA Legislative Committee. 2005 – 2014.

MSU CVM Search Committee for Head, Department of Pathobiology and Population Medicine
2002-2003.

Member of the Mississippi Animal Working Group. November 2001 – Present.

Mississippi Board of Animal Health, Emergency Poultry Disease Committee. 2002 – Present.

Mississippi Poultry Association's Emergency Poultry Disease Committee. 1994 – 1995.

American Association of Avian Pathologists AVMA Liaison Committee. 2009 – 2016.

AAAP liaison for MSU College of Veterinary Medicine. 2012 – 2016.

AVMA Convention Education Program Committee (CEPC). July 2015 – July 2018.

AAAP Program Committee. Chair. July 2015 – July 2018.

AAAP Program Committee. Vice Chair. July 2012 – July 2015.

AAAP Research Priorities Committee. Chair. July 2012 – July 2015.

AAAP Histopathology/Case Report Interest Group. 2007 – Present.

AAAP Kenneth Eskelund Preceptorship Committee. 1992 – Present.

AAAP Committee on Food Safety & Diseases of Public Health Significance. 1993 – 2009.

AAAP Enteric Diseases Committee. 1993 – 2009.

AAAP Committee for Quantitative Epidemiology and Economics. 1989 – 1993.

Mississippi Poultry Association Poultry Management School Committee. 1982; 1994 – Present.

Mississippi Poultry Association Research/Education Committee. 2012 – Present.

Mississippi Poultry Association Research Committee. 1987 – 2012.

Mississippi Task Group (Treasurer). 1990-1991
[to address poultry health problems in central MS]

Southeastern Poultry and Egg Association Planning Committee for the Poultry Health Seminar.
1984, 1991.

MSU Research Planning and Management Steering Committee: Poultry Production

MSU College of Veterinary Medicine Strategic Planning and Management Steering Committee:

- Staff Assignments and Evaluations
- Group on Avian Medicine
- Preventive Medicine Group

MSU College of Veterinary Medicine Screening Committee for Avian Microbiologist. 1987-1988.

MSU College of Veterinary Medicine Library Advisory Board (Chairman 1989-1990).

SERVICE

Met with the veterinary staff of Amick Farms to discuss the services of the PRDL and determine how we could address their needs as the former Wayne Farms complex in Laurel, MS transitions to Amick Farms production. October 2021.

Finalized 107 necropsy cases and 94 poultry histopathology cases in 2020.

Signed 25 breeder flock health certification forms for MarJac Poultry, Mississippi. 2020.

Moderator, MPA Poultry Health Topics. Mississippi Agricultural and Forestry Museum, Jackson, MS. February 12, 2020.

Signed breeder flock processing forms for MarJac Poultry, Mississippi. 2019.

Attended the annual Animal Working Group Meeting at the MDAC, Jackson, MS. Nov. 26, 2019.

Hosted the MPA HACCP Roundtable meeting at PRDL. October 22, 2019.

Moderator for the MPA Breeder/Hatchery Seminar at PRDL, Pearl, MS. August 13, 2019.

Participated in Management Review for the MVRDLS. 2019.

Moderator, MPA Poultry Health Topics. Mississippi Agricultural and Forestry Museum, Jackson, MS. March 6, 2019.

MVMA Legislative Luncheon. Cattlemen's Association Office. February 13, 2019.

MPA Poultry Management School Committee meeting. Pearl, MS. February 5, 2019.

Served as a judge for the First Tech Challenge robotics competition on the Rankin Campus of Hinds Community College. Jan. 6, 2018.

Attended the Winter Commodity Conference and Legislative Reception for the Mississippi Farm Bureau Federation. January 22, 2018.

Moderator, MPA Poultry Health Topics. Mississippi Agricultural and Forestry Museum, Jackson, MS. Feb. 14, 2018.

MPA Poultry Management School Committee meeting. Pearl, MS. February 28, 2018.

MVMA Legislative Luncheon. Cattlemen's Association Office. March 21, 2018.

AVMA CEPC Spring Planning meeting. Schaumburg, IL. March 23-25, 2018.

Lab tour for 5 students in Florence High School's Med Careers class. April 9, 2018.

Participated in the AAVLD accreditation site visit for the MVRDL and PRDL. April/May 2018.

Attended the 44th Biennial Conference of the National Poultry Improvement Plan (NPIP) as a voting delegate for Mississippi. Franklin, TN. June 26-28, 2018.

Through the AVMA's Convention Education Planning Committee (CEPC), organized the 2018 AAAP meeting for the AVMA Convention in Denver, CO. July 2018.

Moderator for the MPA Breeder/Hatchery Seminar at PRDL, Pearl, MS. August 14, 2018.

Participated in Management Review for the MVRDLS. August 20, 2018.

Provided CVM/MVRDL/PRDL update at the annual convention of the Mississippi Poultry Association in Destin, FL. September 2018.

Hosted the MPA HACCP Roundtable meeting at PRDL. October 4, 2018.

Hosted a group of visitors from Uganda (three senior veterinary students, two faculty members, and the Dean from Makerere University College of Veterinary Medicine, Animal Resources, and Biosecurity (COVAB)) for a lab tour and Q&A session at MVRDL/PRDL. November 9, 2018.

Attended the annual Animal Working Group Meeting at the MVRDL, Pearl, MS. Nov. 20, 2017.

Represented CVM at MPA Board meeting. December 6, 2018.

Signed breeder flock processing forms for MarJac Poultry, Mississippi. 2018.

Attended the Winter Commodity Conference and Legislative Reception for the Mississippi Farm Bureau Federation. January 23, 2017.

PRDL hosted 3 poultry production visitors from Colombia. February 3, 2017.

Made convention center site visit to Indianapolis with AVMA in preparation for the AVMA/AAAP meeting. February 13-14, 2017.

Moderator, MPA Poultry Health Topics. Mississippi Agricultural and Forestry Museum, Jackson, MS. Feb. 22, 2017.

Meeting with MPA to discuss budget strategy in anticipation of budget cuts from the legislature. March 2017.

Participated in the MVRDLS Laboratory Advisory Committee meeting. March 15, 2017.

Presented topic at the MPA Poultry Management School. May 8-9, 2017.

Adjusted essentially all fees at the PRDL due to budget cuts in appropriated funds from the state legislature. Effective June 1, 2017.

Through the AVMA's Convention Education Planning Committee (CEPC), organized the 2017 AAAP meeting for the AVMA Convention in Indianapolis, IN. July 2017.

Participated in Management Review for the MVRDLS. July 31, 2017.

Moderator for the MPA Breeder/Hatchery Seminar at PRDL, Pearl, MS. August 15, 2017.

Attended USDA APHIS meeting: "Avian Influenza: Discussion with Stakeholders." APHIS offices, Riverdale, MD. August 22-23, 2017.

Attended broiler grower meeting for Sanderson Farms, Hazlehurst, MS and spoke briefly about the PRDL and diagnostic functions. September 6, 2017.

Provided CVM/MVRDL/PRDL update at the annual convention of the Mississippi Poultry Association in Destin, FL. September 2017.

Hosted a group of visitors (veterinarians and poultry growers) from Bosnia for a lab tour and Q&A session at MVRDL/PRDL. October 20, 2017.

Reviewed and evaluated promotion packets for two non-tenure track faculty at MSU CVM. October 2017.

Sent comments to USDA regarding LPAI indemnity plan. October 2017.

Attended the annual Animal Working Group Meeting at the Jackson Zoological Park, Jackson, MS. November 21, 2017.

PPE and decontamination training with MBAH. November 30, 2017.

Represented CVM at the MFBF Recognition and Awards Dinner, Jackson, MS. December 2, 2017.

Met with scientists from USDA NBAF. December 11, 2017.

Represented CVM at MPA Board meetings. June and December 2017.

Attended MBAH Poultry Technical Committee meeting at PRDL. December 19, 2017.

Signed approval of hatchery vaccination program for MarJac Poultry, Waynesboro, MS.

Signed breeder flock processing forms for MarJac Poultry, Mississippi. 2017.

Attended the Winter Commodity Conference and Legislative Reception for the Mississippi Farm Bureau Federation. January 25 & 26, 2016.

Signed approval of hatchery vaccination program for MarJac Poultry, Waynesboro, MS. February 9, 2016.

Planned program for MVMA Backyard Poultry presentations. MVMA Winter Meeting. The Mill Conference Center, Starkville, MS. Feb. 18, 2016.

Moderator, MPA Poultry Health Seminar. PRDL. Feb. 24, 2015.

Submitted test cost numbers (\$118,455) for the Avian Health Surveillance Goals of the Mississippi Board of Animal Health through the AI Co-op Agreement. February 2016.

Planned program for MVMA Backyard Poultry presentations. MVMA Summer Conference 2016. Sponsored by the Mississippi Veterinary Medical Association. Orange Beach, AL. July 14-16, 2016.

Participated in Management Review for the MVRDLS. August 15, 2016.

Moderator for the MPA Breeder/Hatchery Seminar at PRDL, Pearl, MS. August 16, 2016.

Planned 2016 AAAP meeting at the AVMA Convention. August 2016.

Signed approval of hatchery vaccination program for Mar Jac Poultry, Waynesboro, MS. September 14, 2016.

Provided CVM/MVRDL/PRDL update at the annual convention of the Mississippi Poultry Association in Destin, FL. September 2016.

Attended the annual Animal Working Group Meeting at the MVRDL. November 22, 2016.

Visited with Cal-Maine Foods executives in the Jackson headquarters to discuss needs of the company, needs of the MSU PRDL graduate program, and services provided by PRDL. Dec 21, 2016.

Provided prescriptions for antibiotic use at the MarJac Poultry complex in Mississippi (hatchery and live production). 2016

Signed breeder flock processing forms for MarJac Poultry, Mississippi. 2016

Submitted the forms for the annual review of the ACPV Approved Training Program in poultry medicine at MSU. 2016.

Signed weekly and monthly export forms for Russia and the EU to facilitate the export of processed poultry from Mississippi. 2015.

Hosted at the PRDL the Merck Animal Health technical meeting which was attended by ten employees of MAH, four 4th year CVM students and one CVM graduate student. Discussed current topics of technical interest to both the commercial poultry industry and MAH. January 14, 2015.

Submitted test cost numbers (\$118,455) for the Avian Health Surveillance Goals of the AI Co-op Agreement. January 16, 2015.

Attended the 2015 Winter Commodity Conference and Legislative Reception for the Mississippi Farm Bureau Federation. January 26, 2015.

Moderator, MPA Poultry Health Seminar. MSU Rankin Co. Extension Office. Feb. 26, 2015.

Moderator, MPA Poultry Health Seminar. MVMA Winter Meeting, MSU CVM. Feb. 27, 2015.

Served on the Search Committee for an anatomic and histopathologist for the MVRDL/PRDL. Spring 2015.

Secured moderators for the 2015 AAAP meeting at the AVMA Convention. Spring 2015.

Hosted Drs. Sara Steinlage and Brandon Carter of Elanco / US Poultry. MVRDL, PRDL, and CVM. April 16 – 17, 2015.

Conducted Disease Recognition Training Seminar for Poultry Exports to the Russian Federation. Sebastopol, MS for Peco Foods' Mississippi complexes. April 22, 2015.

Signed approval of hatchery vaccination program for Mar Jac Poultry, Waynesboro, MS. May 2015.

Attended the MVRDLS Advisory Council Meeting at the MVRDL, Pearl, MS. May 6, 2015.

Visited with Cal-Maine Foods executives in the Jackson headquarters to discuss needs of the company and services provided by PRDL. May 11, 2015.

Signed a letter on behalf of Peco Foods for the use of an autogenous vaccine in their production complexes. June 4, 2015.

Submitted the forms for the annual review of the ACPV Approved Training Program in poultry medicine at MSU. June 2015.

Moderator for the MPA Breeder/Hatchery Seminar at PRDL, Pearl, MS. August 11, 2015.

Provided an avian influenza update to the Board of Southern Ag Credit, Ridgeland, MS. August 25, 2015.

Invited speaker at an avian influenza preparedness meeting for growers of Peco Foods, Philadelphia, MS. August 25, 2015.

Assisted Wayne Farms with a Salmonella isolation and identification project. Fall 2015.

Invited speaker at an avian influenza preparedness meeting for breeder growers of Mar Jac Poultry, Waynesboro, MS. September 9, 2015.

Invited speaker at an avian influenza preparedness meeting for broiler growers of Mar Jac Poultry, Waynesboro, MS. September 10, 2015.

Provided CVM/MVRDL/PRDL update at the annual convention of the Mississippi Poultry Association in Destin, FL. September 19, 2015.

Participated in Management Reviews for the MVRDLS. September 22, 2015.

Invited speaker at an avian influenza preparedness meeting for breeder growers of Wayne Farms, Laurel, MS. September 23, 2015.

Invited speaker at an avian influenza preparedness meeting for broiler growers of Wayne Farms, Laurel, MS. September 24, 2015.

As Director of the Poultry Research & Diagnostic Lab, hired one replacement Laboratory Technologist for the poultry serology laboratory. September 2015.

Attended the MS Governor's HPAI Workshop at the MEMA facility, Pearl, MS. October 7, 2015.

Signed letter requesting approval for the use of an autogenous vaccine for Mar Jac Poultry in Mississippi, Alabama and Georgia. October 7, 2015.

Signed approval of hatchery vaccination program for Mar Jac Poultry, Waynesboro, MS. October 2015.

Visited with Cal-Maine Foods executives at the PRDL to tour the lab and discuss needs of the company and services provided by PRDL. November 12, 2015.

Attended the annual Animal Working Group Meeting at the Jackson Zoological Park facilities. November 24, 2015.

Signed weekly and monthly export forms for Russia and the EU to facilitate the export of processed poultry from Mississippi. 2014.

Had multiple meetings and discussions with ROKA to discuss using their rapid molecular assay system to assist the poultry industry with the identification of Salmonella. 2014.

As Director of the Poultry Research & Diagnostic Lab, hired one replacement Laboratory Technologist for the poultry serology laboratory. December 2014.

Met with with the AVMA COE Accreditation team at the MVRDL/PRDL. October 26, 2014.

Met with representatives of the Mississippi Poultry Industry to discuss the MSU CVM plans to install a BSL-3 laboratory on the campus at MSU. October 2014.

MVRDL/PRDL hosted four visitors from Uganda. September 30 – October 1, 2014.

Hosted at the PRDL a meeting sponsored by Merck Animal Health for approximately 30 production personnel from the Mississippi poultry industry to discuss current research on infectious bronchitis. September 2014.

Interviewed applicants for one faculty position at PRDL. Fall 2014.

Participated in Management Reviews for the MVRDLS. August 29, 2014.

Met with COE Consultant team at the MVRDL/PRDL. August 19, 2014.

Moderator for MPA Breeder-Hatchery meeting at PRDL. August 5, 2014.

Adjusted some of the lab fees for the PRDL. July 2014.

Hosted 6 visitors from Bosnia in the Cochran Fellowship Program. July 2014.

Concluded my second term on the DAFVM Senate. May 2014.

Wrote a letter to the US Department of Homeland Security (DHS) in support of a grant proposal, "One Health Biosurveillance Research and Education Collaborative," submitted by Jackson State University. May 2, 2014.

Interviewed applicants for one faculty position at PRDL. Spring 2014.

Secured moderators for the 2014 AAAP meeting at the AVMA Convention. Spring 2014.

Hosted a Poultry Health Roundtable, "PRDL Progress: Review and Update of Preparation for Salmonella Mapping in Chicken Processing," at the PRDL. April 29, 2014.

Available for jury duty in Rankin County, MS. March 17-21, 2014.

Provided feedback (via conference call with the IBC) to Dr. John Hamilton, Associate VP for Research, on the gray area between diagnostics and research. March 2014.

Showed Poultry PowerPoint presentation at the DAFVM booth on IHL Capitol Day. March 6, 2014.

Served as moderator for MPA Poultry Topics meetings presented at PRDL and at the MVMA Winter meeting. February 27 & 28, 2014.

Visited with Cal-Maine Foods executives in the Jackson headquarters to discuss needs of the company and services provided by PRDL. February 12, 2014.

Attended the Mississippi Farm Bureau Federation's Winter Commodity Conference. January 28, 2014.

Attended the Mississippi Farm Bureau Federation's Legislative Reception. January 27, 2014.

Attended the Mississippi House of Representatives Ag Committee's budget hearing for MSU. January 21, 2014.

Attended regularly scheduled meetings of the DAFVM Senate representing the diagnostic laboratories. 2013.

Signed weekly and monthly export forms for Russia and the EU to facilitate the export of processed poultry from Mississippi. 2013.

Attended IT meetings regarding the development of VetView. 2013.

Attended the MPA Board of Directors meeting, representing the CVM for Dr. Kent Hoblet. Mississippi Poultry Association's office, Pearl, MS. December 17, 2013.

Participated in the AAFLD Accreditation Site Visit for the MVRDLs at CVM, ARDL, MVRDL, and PRDL. November 3-7, 2013.

Submitted input to the MSU VP of Research, Dr. David Shaw, regarding the revision of the university consulting policy. October 22, 2013.

Signed a letter on behalf of Peco Foods for the use of an autogenous vaccine in Mississippi, Alabama and Arkansas. October 4, 2013.

Signed a letter on behalf of Peco Foods for the export of poultry products to Kazakhstan. October 2, 2013.

Attended the MVRDL Advisory Council meeting. MVRDL, Pearl, MS. September 25, 2013.

Signed a letter on behalf of Peco Foods for the use of an autogenous vaccine in Mississippi, Alabama and Arkansas. August 22, 2013.

Moderator for MPA's Production Interest Group meeting. Covington County Extension Building, Collins, MS. August 7, 2013.

Wrote an article ("Biosecurity is always important!") for distribution to the growers at Wayne Farms in Laurel, MS. June 2013.

Developed a draft position announcement for a food safety specialist in response to needs described by poultry industry veterinarians. May 2013.

Participated in two necropsy sessions for Elanco Animal Health at Sanderson Farms, Laurel and Sanderson Farms, Hazlehurst. May 2013.

Application for renewal of USDA Veterinary Accreditation was successfully processed and renewed for three years. February 2013

Attended a joint meeting of the Mississippi Legislature's House and Senate Agriculture Committees where presentations were made by units of the MSU DAFVM. February 7, 2013.

Attended a two day meeting of the ACPV's Job Analysis Committee in Atlanta, GA. January 30 – February 1, 2013.

AVMA CPAC conference call meetings. January, 2013.

Attended the Mississippi Farm Bureau Federation's Legislative Reception. Jackson, MS. January 28, 2013.

Attended the Mississippi Farm Bureau Federation's Winter Commodity Conference. Jackson, MS. January 28-29, 2013.

Signed a letter on behalf of Peco Foods for the use of an autogenous vaccine in Mississippi, Alabama and Arkansas. January 17, 2013.

Developed a short powerpoint presentation about the service, research and teaching we do in support of the Mississippi poultry industry. This was part of a presentation made by MSU Administrators to representatives of the UN Food and Agriculture Organization in Rome, Italy. January 2013.

As Director of the Poultry Research & Diagnostic Lab, hired one replacement Laboratory Technologist for the poultry serology laboratory. January 2013.

Attended regularly scheduled meetings of the DAFVM Senate representing the diagnostic laboratories. 2012.

Signed sanitation letters to facilitate the export of processed poultry from Mississippi. 2012.

Signed weekly and monthly export forms for Russia and the EU to facilitate the export of processed poultry from Mississippi. 2012.

Signed letters of export, to Cuba and the Middle East, facilitating the export of processed poultry products from Peco Foods. 2012.

As Director of the Poultry Research & Diagnostic Lab, interviewed six candidates for the Laboratory Technologist position in the poultry serology laboratory. December 2012.

Attended the MVRDL Advisory Council meeting. MVRDL, Pearl, MS. December 14, 2012.

AVMA CPAC conference call meetings. January, June and November 2012.

Developed a short powerpoint presentation about the service, research and teaching we do in support of the Mississippi poultry industry. This was part of a presentation made to Agriculture Commissioner Cindy Hyde-Smith on October 22, 2012 and to two members of the IHL on November 29, 2012.

Attended a dedication reception at MSU honoring Kenneth "Doc" Williams, 2012 Poultry Hall of Fame Recipient. November 9, 2012.

Participated in pre-planning and attended the LPAI Plan Review Meeting with representatives from the poultry industry and the MBAH. November 2012.

Attended a meeting of the MPA Education/Research Committee. MSU Poultry Science Department building. October 24, 2012.

Assisted the attorney for the MBAH in understanding the usage of the confidentiality law that was passed for the MVRDLS in 2003. October 2012.

Accepted a request from IDEXX to demonstrate at PRDL their new real time PCR. October 2, 2012.

Attended board meeting of the Mississippi Board of Animal Health. September 2012.

Began completing a list of reportable poultry diseases on a monthly report to the MBAH. September 2012.

As Past-President of the American College of Poultry Veterinarians, assisted with the administration of the board certification examination for the ACPV. August 2012.

Attended board meetings as Past – President of the American College of Poultry Veterinarians, July 2011 – August 2012.

As Director of the Poultry Research & Diagnostic Lab, hosted 7 students and 3 adults from Jackson State University's Microbial Bioinformatics Summer Research Program. This part of their program is designed to expose them to laboratory diagnostics, regulatory medicine, and poultry diagnostics. July 25, 2012.

Invited Dr. John Glisson, Director of Research Programs for the US Poultry and Egg Association, to come to the PRDL for a visit and provide us input and direction in filling our vacant poultry faculty position. June 22, 2012.

Participated in the 2012 Management Review for the MVRDL/PRDL.

Subpoenaed to testify at a hearing involving a poultry company and a poultry producer. June 2012.

Worked with the Office of Regulatory Compliance to make personnel modifications on three IACUC protocols originally authored by Dr. Tim Cummings. June – July, 2012.

Attended a dinner in Laurel, MS, celebrating the 75th anniversary of the Mississippi Poultry Association. May 24, 2012.

Hosted the MFBF Poultry Summer Commodity Meeting at the MVRDL/PRDL. Provided the participants a tour of the facility. May 8, 2012.

Began discussions with Mr. Sammie Smith of Koch Foods regarding a training course for laboratory technicians: "Laboratory Methods in Food Microbiology." April 2012.

Attended the MVMA Legislative Luncheon, River Hills CC, Jackson, MS. March 13, 2012.

Hosted Dr. Mac Huddleston, Miss. House of Representatives, for a tour of the MVRDL/PRDL. March 2, 2012.

Attended the MVMA Diagnostic laboratory Committee Meeting during the MVMA Winter Meeting at MSU CVM. February 25, 2012.

Attended meetings at the State Capitol – House and Senate Ag Committees and the House Appropriations Committee. February 2012.

Assisted State Veterinarian in finalizing the poultry co-op agreement for the NPIP Low-Path AI Laboratory Contract. >\$100,000.00. February 2012.

Visited with administrators from the LSU CVM as they toured the MVRDL and PRDL. February 15, 2012.

Hosted visitors on multiple occasions to tour the lab facilities at MVRDL/PRDL. 2012.

Attended the Mississippi Farm Bureau Federation's Winter Commodity Conference. Jan. 2012.

Attended the MFBF's Legislative Reception. January 2012.

Attended the MVRDLS Quality Advisory Committee meeting. Jan. and Oct. 2012.

Reviewed and edited an article about avian influenza to be published in Pegasus Press. January 30, 2012.

As Director of the Poultry Research & Diagnostic Lab, hired one replacement Laboratory Technologist for the poultry serology laboratory. December 2011.

Attended Animal Working Group meeting at the Jackson Zoological Park. November 22, 2011.

AVMA CPAC conference call meeting with COBTA regarding VCPR. November 2011.

Participated in a poultry disease and necropsy training program for service techs at Sanderson Farms, McComb, MS. November 2011.

As Director of the Poultry Research & Diagnostic Lab, attended the MVRDLS Advisory Council Meeting. MVRDL/PRDL. November 9, 2011.

Represented MSU CVM PRDL at the Bryant Summit, Mississippi Agriculture & Forestry Museum, Jackson, MS. October 18, 2011.

As Director of the Poultry Research & Diagnostic Lab, I serve on the MPA's Emergency Disease Management Task Force and assisted the Mississippi poultry companies in the continuation of the "Memorandum of Agreement for the Assessment of Funds for the Mississippi Poultry Emergency Disease Task Force." October 15, 2011.

AVMA CPAC meeting with COBTA. Schaumburg, IL. October 2011.

Offered a commission as an officer of the Department of Health and Human Services, US FDA. August 2011.

As Director of the Poultry Diagnostic Lab, hosted a tour group of approximately 80 4-H Students. July 20, 2011.

As President of the American College of Poultry Veterinarians, presided over the annual business meeting for the ACPV on July 18, 2011.

As President of the American College of Poultry Veterinarians, assisted with the administration of the board certification examination for the ACPV. July 2011.

As President of the American College of Poultry Veterinarians, presided over board meetings for the ACPV on Feb. 28, 2011; March 28, 2011; and July 17, 2011.

As Director of the Poultry Research & Diagnostic Lab, assisted with the development and writing of the articles featuring the PRDL in the Pegasus Press. July 2011.

As Director of the Poultry Research & Diagnostic Lab, met with visiting faculty members from West Virginia University and gave them a tour of the MVRDL/PRDL facility. July 13, 2011.

As Director of the Poultry Diagnostic Lab, hosted a member of the AVMA COE. July 6, 2011.

Site visits Jan – Jun 2011: 41 Farms; 4 hatcheries; 1 processing plant.

MVRDL/PRDL Management Review. Pearl, MS. June 28, 2011.

As Director of the Poultry Research & Diagnostic Lab, hosted 12 students and 5 adults from Alcorn State University's summer Ag Discovery program. These students all have an interest in

veterinary medicine. This part of their program is designed to expose them to laboratory diagnostics, regulatory medicine, and poultry diagnostics. June 2011.

As Director of the Poultry Research & Diagnostic Lab, hosted 32 students and 5 adults from Jackson State University's summer internship in the "Bioinformatics in Biodefense Career Development Program." This part of their program is designed to expose them to laboratory diagnostics, regulatory medicine, and poultry diagnostics. June 2011.

As Director of the Poultry Research & Diagnostic Lab, established two-year ELISA kit pricing with IDEXX. April 2011.

As Director of the Poultry Research & Diagnostic Lab, hosted Dr. Mike Chaddock (AAVMC) for lunch and lab tour. April 6, 2011.

As Director of the Poultry Research & Diagnostic Lab, co-hosted a visit and tour of the MVRDL/PRDL by Mr. Randy Knight, President of the Mississippi Farm Bureau Federation. March 30, 2011.

AVMA CPAC meeting with COBTA. Schaumburg, IL. March 2011.

AVMA CPAC subcommittee meeting regarding cephalosporin ban. March 2011.

AVMA CPAC conference call meeting. March 2011.

Meeting with the MVMA Diagnostic Laboratory Committee during the MVMA Winter Meeting, College of Veterinary Medicine, Mississippi State, MS. February 2011.

Represented MSU CVM PRDL at the 2011 Mississippi One Health Symposium. University of Mississippi School of Medicine. Jackson, MS. February 19, 2011.

Investigating the use of rapid test procedures for the detection of Salmonella in environmental samples for the commercial poultry industry. January 2011.

Provided diagnostic service and advice to the State Veterinarian and the Mississippi poultry industry during an outbreak of infectious Laryngotracheitis (ILT) in the commercial poultry industry. January – August 2011.

As Director of the Poultry Research & Diagnostic Lab, provided information and input for the development of the CVM / MVRDL / PRDL budget. January 2011.

Assisted a poultry processing plant with the necessary guidelines for *E. coli* testing in their HACCP regulations. January 2011.

MSU CVM Strategic Planning for Diagnostic Labs. Co-Facilitator. 2011.

Signed certificates to facilitate export of poultry products to international markets. 2011

Represented the MVRDL/PRDL on the DAFVM Senate, 2010 – Present.

Provided an article for the MPA newsletter “Emerging Trends.” December 2010.

Case Coordinator for 166 accessions to the PRDL during 2010.

Site visits during 2010: 173 Farms; 10 hatcheries; 2 processing plants.

National Veterinary Accreditation Program (NVAP) – Category II veterinarian. October 2010 – present.

MSU CVM Strategic Planning for Diagnostic Labs. Co-Facilitator. October-December 2010.

Attended Animal Working Group meeting at the Jackson Zoological Park. November 23, 2010.

As Director of the Poultry Research & Diagnostic Lab, hosted Dr. Mushtaq A. Memon, Fulbright Ambassador from Washington State University, for lunch, discussion and tour of the lab facilities in Pearl, MS. November 14, 2010.

Intestinal Health program presented to upper level managers. PRDL, Pearl, MS. November 4, 2010.

Discussed with Sanderson Farms officials the training programs and/or degree programs for poultry veterinarians available through MSU CVM. November 2010.

Collected *Dispharynx* spp. worms from a cockatiel for the parasitology group at CVM. October 2010.

UVIS Users Group toured Pearl laboratory. Pearl, MS. October 21, 2010.

As Director of the Poultry Research & Diagnostic Lab, hosted a tour of the MVRDL/PRDL lab facility in Pearl, MS for the Wise Center Necropsy Renovation team of architects and engineers. Pearl, MS. October 19, 2010.

MSU CVM Non-Tenure Track Promotion Committee meeting. October 14, 2010.

Biosecurity information presented to pullet and breeder growers for Sanderson Farms, Inc. McComb, MS. October 26, 2010.

Attended meeting called by MPA to discuss the Mississippi Emergency Poultry Disease Task Force Fund, an indemnity fund supplied by the industry and made available to the state veterinarian for the purpose of poultry flock depopulations. October 18, 2010.

AVMA CPAC meeting with COBTA. Schaumburg, IL. Sept-Oct 2010.

AVMA CPAC conference call meeting. September 2010.

Hosted a meeting for the commercial industry to discuss with USDA FSIS issues regarding production of product for export to Russia. August 2010.

Installed as President of the American College of Poultry Veterinarians. Atlanta, GA. August 2010.

Attended ACPV Board Meeting, Atlanta, GA. August 2010.

A product testing protocol was implemented at PRDL to assist Koch Foods with a request from one of their customers. July-August 2010.

Co-hosted the first Mississippi NPIP meeting. PRDL, Pearl, MS. July 14, 2010.

MVRDL Advisory Council Meeting. Pearl, MS. July 7, 2010.

Represented MSU CVM MVRDLS PRDL on a DVD produced by the Farm Bureau Federation entitled Voices of Agriculture. June 2010.

Assisted MSU CVM alumnus Dr. Jason Cater with an application for a loan repayment program. June 2010.

Hosted 15 students and 5 adults from Alcorn State University's summer Ag Discovery program. June 2010.

Hosted 18 students and 6 adults from Jackson State University's summer internship in the "Bioinformatics in Biodefense Career Development Program." June 2010.

Co-hosted a visit by Pfizer executives (David Haworth et al) to the MVRDLS facility in Pearl, MS. June 2010.

Co-hosted a visit by an Antech executive (Dr. Joe Leeth) and Dr. Richard Wilkes of PSI to the MVRDLS facility in Pearl, MS. June 2010.

Attended Mississippi Farm Bureau Federation's Summer Poultry Commodity Meeting. Smith County Ag Complex, Raleigh, MS. June 3, 2010.

Co-hosted a visit by representatives of the Georgia Poultry Federation Laboratory to the MVRDLS facility in Pearl, MS. May 2010.

Attended the Final Inspection of the GS#113-099 MVRDL Basement Buildout. Pearl, MS. May 28, 2010.

MVRDL/PRDL Management Review. Pearl, MS. May 24, 2010.

Hosted Sarah White (MSU HRM) on a tour of the MVRDLS facility in Pearl, MS. April 2010.

Attended MBAH AI Emergency Response Plan annual meeting. Forest, MS. April 22, 2010.

Hosted Mark Leggett, President of the Mississippi Poultry Association, on a visit and tour of CVM. April 2010.

Co-hosted a visit by administrators of the American University of Antigua to the MVRDLS facility in Pearl, MS. March 2010.

Assisted MBA consulting group with questions related to CVM involvement with and service to the commercial poultry industry. March 2010.

AVMA CPAC conference call meeting with COBTA. March 2010.

Attended the MVMA Legislative Luncheon at River Hills Country Club. February 23, 2010.

Mississippi Poultry Association, Poultry Service Tech School Committee meeting. Feb. 2, 2010.

Mississippi Poultry Association, Research Committee meeting. Feb. 2, 2010.

Attended Mississippi Farm Bureau Federation's Winter Poultry Commodity Meeting. MFBF Building, Jackson, MS. January 26-27, 2010.

Attended Mississippi Legislative budget hearing in support of MSU CVM. January 2010.

Expanded the service role of PRDL veterinarians to include the allied industry. January 2010.

Conducted broiler breeder flock inspections for Tyson Foods to facilitate egg exports to Mexico. 2010.

Moderated the 2009 Salmonella Conference. Sponsored by CEVA Biomune. Pearl, MS. October 2009.

Participated in fund-raiser "lock up" for the Muscular Dystrophy Association. August 2009.

Assisted Intervet/Schering-Plough Animal Health representatives in locating a facility to conduct vaccine field safety trials. August 2009

Wrote a letter in support of Dr. Stephen Collett's promotion to the rank of Clinical Associate Professor at the University of Georgia. July 2009.

Moderated the clinical/field case report section of the AAAP Scientific Meeting at the 146th AVMA Annual Convention, Seattle, WA. July 2009.

MVRDL/PRDL hosted 16 students and 4 adults from Jackson State University's summer internship in the "Bioinformatics in Biodefense Career Development Program." June 2009.

Hosted the annual MBAH Quail School at the MVRDL/PRDL. May 2009.

Participated in the MVRDL/PRDL Management Review. May 2009.

Assisted Dr. Jim Watson, MS State Veterinarian, in the revision of the Mississippi requirements for the entry and movement of chickens with reportable diseases. May 2009.

Attended the MVRDLS Advisory Council meetings. 2009.

Secured salinomycin and amprolium from a supplier and a poultry company, respectively, for Dr. Lester Khoo's research. April 2009.

Facilitated the video taping of a recruitment DVD for CVM at the MVRDL and PRDL. April 2009.

Hosted administrative representatives from Ross University School of Veterinary Medicine. March 2009.

Wrote a letter to USDA FSIS to clear Peco Foods' poultry products for export. March 2009.

Participated in the MPA Legislative Luncheon in Jackson, MS. February 2009.

Participated in the MVMA Legislative Luncheon at River Hills Country Club in Jackson, MS. February 2009.

Answered Tyson Foods' questions regarding Mycoplasma reactors by re-testing samples and sending them out to a reference lab for testing. In the end, the problem was actually a sample submission error rather than an ELISA test error. February 2009.

Attended the Legislative Budget Hearings (House and Senate) in support of the MSU DAFVM. January 2009.

Attended the Mississippi Farm Bureau Federation Legislative Reception in Jackson, MS. January 2009.

Attended the Mississippi Farm Bureau Federation Winter Commodity Meeting in Jackson, MS. January 2009.

Attended meeting of the Mississippi Board of Animal Health. 2009.

Senator representing MVRDLS on the MSU DAFVM Faculty Senate. (2008 – 2011).

Received Certificate of Achievement in the leadership training course, Everyone's A Customer. Presented by Patrick T. Malone, Senior Partner, PAR. August 2003.

Submitted a white paper proposal for a National Center for Quality Chains in Animal Agriculture requesting \$1,000,000 in federal funding. December 2002.

Share necropsy/lab duty in the MSU CVM Poultry Research & Diagnostic Laboratory with other poultry veterinarians. 2000 – Present.

Participated in the Post-Graduate Veterinary Student Visitation sponsored by Elanco Animal Health. August 1996.

Participated in the production of MVMA Public Service Announcements, February 1997.

Participated in the planning, development and presentation of seven (7) workshops for poultry technicians in Mississippi. 1997, 1998, 1999 and 2001.

EMERGENCY PREPAREDNESS

Preparing communities for animal, plant, and food incidents: An introduction. National Center for Biomedical Research and Training, Academy of Counter-Terrorist Education. Brandon, MS. (7 contact hours). February 21, 2012.

Operation Bovine Reclamation Full Scale Exercise. As a member of the US Dept. of Homeland Security/FEMA Support Team, I served as a Controller in this emergency response exercise. Bartow, FL. December 2011.

The North Carolina Fifth Plague Functional Exercise. As a member of the US Dept. of Homeland Security/FEMA Support Team, I served as a Controller in this bioterrorism response exercise. Raleigh, NC. May 2011.

Disaster Preparedness Workshop for First Responders and Veterinarians. Mississippi State University College of Veterinary Medicine and the Humane Society of South Mississippi. Hattiesburg, MS. December 13-14, 2010.

Border Governors' Full-Scale Exercise. As a member of the US Dept. of Homeland Security/FEMA Support Team, I served as a Controller and Subject Matter Expert (SME) for Animal Health. Las Cruces, NM. November 2009.

FEMA Emergency Management Institute independent study courses:

IS-00100.a Introduction to the Incident Command System, ICS-100. November 2009

IS-00200.a ICS for Single Resources and Initial Action Incidents, ICS-200. Nov. 2009

Received medical clearance for respirator use during animal disease outbreak emergencies. November 2009.

FEMA Region VI Food and Agriculture Regional Exercise (FARE) 2009. As a member of the US Dept. of Homeland Security/FEMA Support Team, I served as a Facilitator in this Tabletop Exercise for the participants from Texas. Oklahoma City, OK. February 2009.

CONTINUING EDUCATION

Avian Medicine Scientific Program sponsored by the American Association of Avian Pathologists. (30 hours of CE credit). Virtual Annual Meeting of the American Veterinary Medical Association. July 31 – August 6, 2020.

2020 Winter Conference. Mississippi Veterinary Medical Association. (20 hours of CE credit). Starkville, MS. February 27-29, 2020.

MPA: Poultry Health Topics. (4 hours CE for PAACO Animal Welfare Training). Sponsored by the Mississippi Poultry Association. Jackson, MS. February 12, 2020.

2019 Annual Conference. Auburn University College of Veterinary Medicine. (20 hours of CE credit). Auburn, AL. October 17-19, 2019.

Avian Medicine Scientific Program sponsored by the American Association of Avian Pathologists. (30 hours of CE credit). 156th Annual Meeting of the American Veterinary Medical Association. Washington, DC. August 2-5, 2019.

MVMA Summer Conference. Mississippi Veterinary Medical Association. (15 CE hours) Orange Beach, AL. July 11-14, 2019.

Poultry Health Summit. Sponsored by Merck Animal Health. (8 hours CE). Nashville, TN. May 21-22, 2019.

Poultry Welfare Auditor Training. (8 CE hours) Professional Animal Auditor Certification Organization (PAACO). Philadelphia, MS. April 24, 2019.

Winter Conference of the Mississippi Veterinary Medical Association. The Mill Conference Center, Starkville, MS. (6 hours CE credit). February 23, 2018.

Participated in the 44th Biennial Conference of the National Poultry Improvement Plan (5 hours of CE credit). Franklin, TN. June 26-28, 2018.

AAAP Symposium sponsored by the American Association of Avian Pathologists. (4 hours of CE credit). 155th Annual Meeting of the American Veterinary Medical Association. Denver, CO. July 13, 2018.

Avian Medicine Scientific Program sponsored by the American Association of Avian Pathologists. (30 hours of CE credit). 155th Annual Meeting of the American Veterinary Medical Association. Denver, CO. July 14-17, 2018.

AVMA Annual Convention. Pharmacy Review (3.5 hours of CE credit). 155th Annual Meeting of the American Veterinary Medical Association. Denver, CO. July 13 & 15, 2018.

Poultry Welfare Auditor Training. Professional Animal Auditor Certification Organization (PAACO). Raleigh, NC. August 7-9, 2018.

Poultry Health Summit. Sponsored by Merck Animal Health. (7.5 hours of CE). New Orleans, LA. May 23-24, 2017.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. (22 hours of CE). 154th Annual Meeting of the American Veterinary Medical Association. Indianapolis, IN. July 21-25, 2017.

AVMA Annual Convention. 154th Annual Meeting of the American Veterinary Medical Association. Indianapolis, IN. July 23-24, 2017.

BioChek brainstorming meeting: Cloud-sponsored database shared information. Portland, ME. October 11-13, 2017.

Emergency Response Training on Highly Pathogenic Avian Influenza. Sponsored by the Mississippi Board of Animal Health. (4.0 hours CE). MSU College of Veterinary Medicine, Starkville, MS. February 21, 2016.

Poultry Health Summit. Sponsored by Merck Animal Health. (8 hours of CE). Nashville, TN. May 24-25, 2016.

MVMA Summer Conference 2016. Sponsored by the Mississippi Veterinary Medical Association. (10.5 hours CE). Orange Beach, AL. July 14-16, 2016.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. (23.4 hours of CE). 153rd Annual Meeting of the American Veterinary Medical Association. San Antonio, TX. August 6-9, 2016.

National Poultry Improvement Plan's 43rd Biennial Conference. Sponsored by USDA APHIS. (15 hours CE). Bellevue, WA. August 30-31, 2016.

Winter meeting of the Mississippi Veterinary Medical Association. College of Veterinary Medicine, Mississippi State, MS. (4 hours CE). February 27, 2015.

Intestinal Health Summit. Sponsored by Merck Animal Health. (8 hours of CE). Memphis, TN. May 20-21, 2015.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 152nd Annual Meeting of the American Veterinary Medical Association. Boston, MA. (30 contact hours). July 11-14, 2015.

152nd Annual Meeting of the American Veterinary Medical Association. Boston, MA. (8 contact hours). July 11-14, 2015.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 151st Annual Meeting of the American Veterinary Medical Association. Denver, CO. (30 contact hours). July 26-29, 2014.

151st Annual Meeting of the American Veterinary Medical Association. Denver, CO. (4 contact hours). July 27-28, 2014.

Cocci Forum. Sponsored by Merck Animal Health. (8 contact hours). Montgomery, AL. March 27-28, 2014.

Winter meeting of the Mississippi Veterinary Medical Association. College of Veterinary Medicine, Mississippi State, MS. (3 hours CE). March 1, 2014.

MPA Poultry Topics. Mississippi Veterinary Medical Association. College of Veterinary Medicine, Mississippi State, MS. (4 hours CE). February 28, 2014.

North Carolina Broiler Breeder and Hatchery Management Conference. Sponsored by North Carolina State University and the North Carolina Breeder-Hatchery Association, Inc. (10 contact hours) October 30-31, 2013.

150th Annual Meeting of the American Veterinary Medical Association. Chicago, IL (2 contact hours). July 19-23, 2013.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 150th Annual Meeting of the American Veterinary Medical Association. Chicago, IL (30 contact hours). July 20-23, 2013.

Hatchery-Breeder Clinic sponsored by the U. S. Poultry & Egg Association. Birmingham, AL. (9 contact hours) July 9-10, 2013.

Avian influenza A H7N9 update. Southern Association of Clinical Microbiology, Mississippi Chapter. Mississippi State Department of Health. (1 hour CE). June 25, 2013.

Winter meeting of the Mississippi Veterinary Medical Association. College of Veterinary Medicine, Mississippi State, MS. (7 hours CE). February 22-24, 2013.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 149th Annual Meeting of the American Veterinary Medical Association. San Diego, CA (30 contact hours). August 4-7, 2012.

How to increase your feline business and reverse the decline of veterinary visits. Bayer Animal Health. Jackson, MS. (2 contact hours). June 14, 2012.

Mississippi Veterinary Medical Association's Winter Meeting. MSU College of Veterinary Medicine, Mississippi State, MS. (10 contact hours). February 24 – 25, 2012.

Preparing communities for animal, plant, and food incidents: An introduction. National Center for Biomedical Research and Training, Academy of Counter-Terrorist Education. Brandon, MS. (7 contact hours). February 21, 2012.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 148th Annual Meeting of the American Veterinary Medical Association. St. Louis, MO. (30 contact hours). July 16 – 19, 2011.

Mississippi Veterinary Medical Association's Winter Meeting. MSU College of Veterinary Medicine, Mississippi State, MS. (8 contact hours). February 25 – 26, 2011.

Disaster Preparedness Workshop for First Responders and Veterinarians. Mississippi State University College of Veterinary Medicine and the Humane Society of South Mississippi. Hattiesburg, MS. (Ten contact hours; five CE credits approved by the Mississippi Board of Veterinary Medicine). December 13-14, 2010.

Vector Vaccines Symposium. CEVA Sante Animale. San Diego, CA. (12 contact hours). October 6-8, 2010.

Avian Medicine Program sponsored by the American Association of Avian Pathologists. 147th Annual Meeting of the American Veterinary Medical Association. Atlanta, GA. (30 contact hours). August 1-4, 2010.

Scientific Program of the National Convention XXXV ANECA (Asociación Nacional de Especialistas en Ciencias Avícolas de México, A. C.), Hotel Mision de los Angeles, Oaxaca, Oaxaca, México. (12 contact hours). April 29-30, 2010.

The XII International Seminar of Avian Pathology and Production. (Organized by the University of Georgia and the Colombian Veterinary Poultry Association, AMEVEA) Athens, GA. (16 contact hours). April 26-27, 2010.

Poultry Program at the Mississippi Veterinary Medical Association's Winter Meeting. MSU College of Veterinary Medicine, Mississippi State, MS. (3 contact hours). February 26, 2010.

Salmonella Conference. Sponsored by CEVA Biomune. Pearl, MS. (4 contact hours). October 20, 2009.

Georgia Poultry Conference. Sponsored by the Georgia Poultry Federation and the University of Georgia. Athens, GA. (4 contact hours). September 29-30, 2009.

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