

Annual ACPV Approved Training Program Review Form

Updated March 2011

Review Date:	May 12 th 2014
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1. Name of Training Program and Address:

Ohio State University Poultry Health Program
1920 Coffey Road
Columbus, OH 43210

2. Training Program mission, goals and objectives:

Mission: Creation and dissemination of poultry health knowledge

Goals: educate and train poultry disease researchers and specialists including veterinary students

Objectives: Graduate at least one new poultry disease researcher or specialist every year

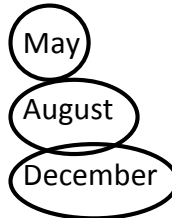
3. Affiliated University(s):

The Ohio State University

4. Primary Program Contact:

Dr. Mo Saif and Dr. Mo El-Gazzar

5. When do your students graduate from the program? Circle all that apply



5. ACPV Diplomate Faculty Members:

Name	Address	Email	Tel
1. Mo Saif	1680 Madison Ave. Wooster, OH 44691 USA	saif.1@osu.edu	3304656421
2. Mohamed El-Gazzar	1920 Coffey Road Columbus, OH 43202 USA	el-gazzar.1@osu.edu	7065403037
3. George Girgis	10513 Croton Rd. Johnstown, OH 43031 USA	ggirgis@cfegg.com	7408937200

Note that Dr. Girgis is not a faculty member in the Ohio State University; He is the veterinarian of Trillium Farms, one of the biggest table egg producers in the state of Ohio. We will rely on Dr. Girgis expertise and facilities in performing some of the field exposure and clinical training of students interested in poultry medicine.

6. Have there been any changes to the program since the previous year including program funding, staff, facilities support, etc? If so please explain.

Primary contact has been changed to the newly appointed Poultry Extension Veterinarian Dr. Mo El-Gazzar. The Poultry Extension Position was reinstated and it will participate in clinical education and training of graduate and veterinary students

7. Current Student Enrollment 2013-2014 (number of students and names):

This year's total enrollment: 2

Student's names: 1. Mohamed Nasif
2. Ruby Pina Mimbela

8. Students that Graduated last year (2013) (number of students and names):

This year's total enrollment: 2

Student's names: 1. Oluseun Oluseun Awe
2. Mohamed El-Gazzar

8. How many students that graduated from your program submitted an application for the ACPV exam in 2013? Non

9. Of these students, how many graduates were successful in their application to sit for the ACPV exam in 2013?

10. How many or what percent of these participants passed all 3 sections of the ACPV exam?

If the participant (s) did not pass the entire exam, how many passed 1 of 3 sections (1/3) of the exam?

If the participant (s) did not pass the entire exam, how many passed 2 of 3 sections (2/3) of the exam?

ACPV BOARD OF GOVERNOR'S ADDITIONAL COMMENTS:

Ohio State University Poultry Health Program

The program is affiliated with the Department of Veterinary Preventive medicine (VPM), College of Veterinary Medicine (CVM) here at Ohio State University (OSU). The CVM at OSU is an accredited veterinary school by the American Veterinary Medical Association. VPM is operating in two campuses, in the main OSU campus in Columbus where the Poultry Extension Veterinarian is based, and in Wooster campus which hosts the Food Animal Health Research Program (FAHRP).

Mission: This program is to tackle the current poultry disease problems through research to try to close the gap of knowledge about poultry diseases.

Goals: This mission is achieved through engaging in applied research and training qualified poultry disease researchers and specialists. In our program we also provide training opportunities for veterinary students who are interested in learning about poultry medicine.

Objectives: Our measurable outcome would be to graduate at least one poultry disease researcher through a PhD program or a poultry disease specialist through a masters program. Graduation times could be in any of the three semesters offered by OSU spring (May), summer (August) or autumn (December).

Students who join the program must fulfill admission criteria by the graduate school including standard testing scores. In addition Council for Graduate Studies in the CVM meeting will review every application with additional requirements regarding the Grade Point Average (GPA), experience and demonstrated competence in the field of study.

Master degree students have to fulfill a minimum of 30 credit hours of which 20 must be graded hours and must maintain at least 3.0 Grade Point Average (GPA). PhD students have to fulfill a minimum of 80 credit hours of which 24 must be graded hours and must maintain at least 3.0 GPA. Our curriculum is tailored toward each individual PhD or Master Degree. However, there is a core curriculum of formal classes that all the students will have to fulfill. These classes include epidemiology, microbiology, immunology, biochemistry and biostatistics. Additional classes that students may take include molecular biology, molecular epidemiology, general bacteriology, bacterial pathogenesis general virology. Ohio State is quite a large and diverse university and includes many disciplines that can also be used for training and education of our students. The collective learning objective of these classes is to provide the understanding, knowledge and skills required to specialize in poultry disease research, diagnosis and epidemiology. The program over the years has produced leading edge research, diagnostic and epidemiology tools that have been used in poultry disease investigations locally, nationally and internationally. Most notably are the expertise that has been developed in Infectious Bursal Disease, Turkey Enteric viruses and Avian Mycoplasma.

The program works closely with the industry which is evident in the research and training that is built around the industry problems. Both graduate and veterinary student have the opportunity to work

directly with the industry through field training programs or externships. One field training program that has been going for more than 10 years is the poultry medicine veterinary senior rotation in collaboration with Cooper Farms in Ohio. Trillium Farms is another Ohio base company that helped in accommodating veterinary and graduate students externships. In addition, diagnostic services provided by the program provide another opportunity to the students to get involved with industry. An example is the avian mycoplasma diagnostic services with a case load of approximately 100 cases a year.

The Masters programs are 24 months including a 12 months of class work and 12 months of practicum. PhD programs are 48 months including 18 to 24 months of class work and 24 months of research and writing. Typically PhD students will come out of the program with 2 or 3 published papers in peer review journals which will count towards the qualification requirements for the ACPV exam. In addition all the students will present at national scientific conference. Most of the students will present more than once in both poster and oral presentation formats.

The Ohio State University has high-quality support services for graduate education and research. These include a professional statistician and a well-managed car pool. Several information technology centers are available at both the Wooster and Columbus campus for video conferencing and teaching and for preparation of professional quality video projects and posters. A professional staff of experts to help with writing press releases, preparing reports, and producing general public relations efforts is also available to all faculty members.

The Food Animal Health Research Program occupies a modern office/laboratory building consisting of 27,518 sq ft. The building is a secure facility inspected by USDA APHIS and certified for work with influenza viruses. This program is a highly productive and is held in high regard nationally and internationally for the achievements of high standard research in the area of food animal diseases. In addition to our highly qualified group of scientists, the high research productivity has been facilitated by the availability of laboratory and animal holding facilities capable of accommodating the unique research needs of the faculty investigators. For example, we have one of the only animal facilities in the entire country in which multiple species of livestock animals (i.e., pigs, chickens, turkeys, calves) can be raised under gnotobiotic or specific pathogen free conditions. Institutional support for research, physical resources, and a highly qualified group of scientists with infectious disease research all focus together to make an ideal environment for the success of proposed research.

The Department of Veterinary Preventive Medicine (El-Gazzar) within the College of Veterinary Medicine is located in Sisson Hall on The Ohio State University's main campus in Columbus. The building is a laboratory/office area with approximately 44,272 sq ft. The department has a total of 37 faculty members of which 25 are housed in Columbus covering a variety of disciplines including veterinary microbiology, epidemiology, immunology, parasitology, public health, production medicine, and clinical medicine. Since 1974, the Department has been home to Veterinary Extension which provides educational services to private practitioners and other clientele. The Department is equipped with several large research laboratories that produce high quality research recognized nationally and internationally.

Laboratories: In the poultry training program, there are seven 900 square foot BSL-2 approved laboratories that are well equipped for virology, immunology, molecular biology, molecular epidemiology and cell culture activities.

Clinical: The veterinary college operates a clinical veterinary teaching hospital complete with diagnostic laboratories including a clinical pathology laboratory and a fully equipped histopathology laboratory that operate on a fee for service basis.

Offices: The offices are located right next to the labs and all office space is separate from laboratory space and on average compares 150 square feet of space equipped with standard office furniture, computer (internet), printer, etc. The PIs have a PC desktop (for administrative work) and an Apple MacPro laptop computer (for data analysis- Lasergene, PAUP, GelCompar, Sigma Plot, etc) in his office. The PIs have additional PC computers and a Macintosh computers in the laboratory and students (or postdoc) offices.