

POULTRY INSTITUTE 2014 PROGRAM

SPONSOR: Avian Health & Food Safety Laboratory - Washington Animal Disease Diagnostic Laboratory, Washington State University

DATE: Tuesday, November 4, 2014

TIME: 8:30 AM to 2:30 PM

PLACE: Alford/Ingler Conference Hall
WSU Puyallup Research and Extension Center
3006 W Pioneer
Puyallup, WA 98371

8:30-8:50 REGISTRATION & Breakfast

Dr. Tim Besser, WSU: Opening Remarks 10 min

Dr. Maurice Piatnik, UC Davis: Very Virulent Infectious Bursal Disease in California 30 min

Dr. Lyndon Badow, WSDA: Emergency Preparedness 30 min

Dr. Vicki Brown, Avian Health Center BC Canada: Managing Disease Risk in a Multi-Species Poultry Population 30 min

Coffee Break: 10:30 am to 10:45 am

Dr. Mander Brewell, WSDA: The Secure Egg Supply 30 min

Dr. Deveda Shah, WSU: Challenges in controlling *Salmonella* in poultry and poultry products 30 min

Dr. Brian Croops, WSU: The Role of Vaccination and Lab Monitoring in the Control of Poultry Diseases 30 min

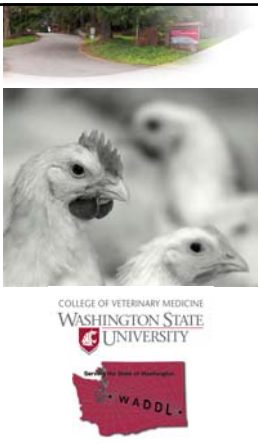
Lunch (provided): noon to 1:00 pm

Dr. James Homes, OSU: Common External Parasites of Poultry 30 min

Dr. Maurice Piatnik, UC Davis: Knowledge of the Microorganism Population to Promote Poultry Health 30 min

Dr. Brian Croops, WSU: Interesting cases and Lab Tour 30 min

Closing Remarks 5 min



WSU-WADDL Lab Programs

- Full service veterinary diagnostic laboratory (1974)
 - WSU-CVM, Pullman, WA
- Veterinary Toxicology Laboratory
 - MOU with University of Idaho Analytical Science Laboratories (northern ID 7 miles from WSU-WADDL); 1980-present
 - Veterinary toxicologist (Dr. Patricia Talcott) WSU-CVM faculty
- Aquatic Health and Certification Program
 - WSU-CVM, Pullman; 1993-present
- Avian Health and Food Safety Laboratory
 - WSU-Puyallup, WA (western WA); 1994 to present
- WSDA Veterinary Regulatory Testing Laboratory
 - WSU-CVM, Pullman and AHFSL-WSU-Puyallup; 2008-present
- Pathogen Discovery Program
 - WSU, CVM-Pullman; Partnership with Paul Allen School for Global Animal Health; 2009 to present



Facilities

- WSU-WADDL Pullman (College of Vet. Med.)
 - 14,000 sq. ft.
 - Aquatic Health, Bacteriology/Mycology, Immunodiagnosics (Serology and antigen ELISA), Molecular Diagnostics, Necropsy, Histopathology, Parasitology, Serology, Virology
- BSL3 Laboratory Space
 - 2,500 sq. ft. current
 - Paul Allen School for Global Animal Health-Phase I
- WADDL-Avian Health Food Safety Branch Lab.
 - 6,000 sq. ft.
- Toxicology (Univ. of Idaho Holm Research Ctr.)
 - 10,000 sq.ft.
 - Organic, inorganic, and wet chemistry laboratories



WSU-WADDL Quality System

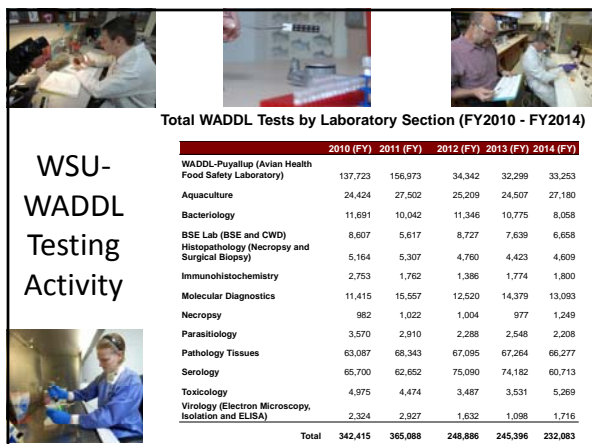
- AAVLD accreditation (1978-2015)
 - "AAVLD Requirements for an Accredited Veterinary Medical Diagnostic Laboratory, Version 6.2"
 - Based on ISO/IEC and OIE 17025
- "Passing" internationally accepted quality requirements means tests results accepted globally
- 1.5 FTE Quality System personnel



WSU-WADDL Testing Activity

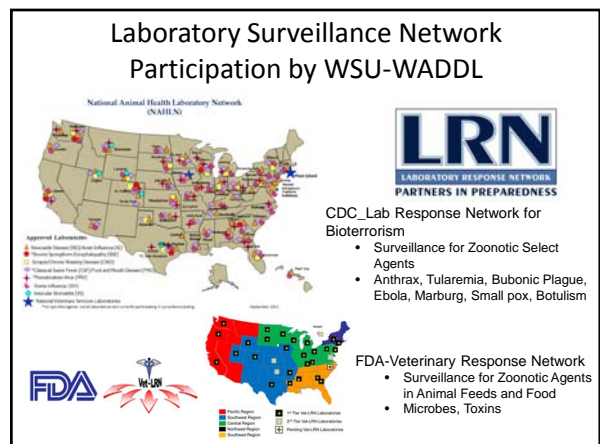
Total WADDL Tests by Laboratory Section (FY2010 - FY2014)

	2010 (FY)	2011 (FY)	2012 (FY)	2013 (FY)	2014 (FY)
WADDL-Puyallup (Avian Health Food Safety Laboratory)	137,723	156,973	34,342	32,299	33,253
Aquaculture	24,424	27,502	25,209	24,507	27,180
Bacteriology	11,891	10,042	11,346	10,775	8,058
BSE Lab (BSE and CWD)	8,607	5,617	8,727	7,639	6,658
Histopathology (Necropsy and Surgical Biopsy)	5,164	5,307	4,760	4,423	4,609
Immunohistochemistry	2,753	1,782	1,386	1,774	1,800
Molecular Diagnostics	11,415	15,557	12,520	14,379	13,093
Necropsy	982	1,022	1,004	977	1,249
Parasitology	3,570	2,910	2,288	2,548	2,208
Pathology Tissues	63,087	68,343	67,095	67,264	66,277
Serology	65,700	62,652	75,090	74,182	60,713
Toxicology	4,975	4,474	3,487	3,531	5,269
Virology (Electron Microscopy, Isolation and ELISA)	2,324	2,927	1,632	1,098	1,716
Total	342,415	365,088	248,886	245,396	232,083



Laboratory Surveillance Network Participation by WSU-WADDL

National Animal Health Laboratory Network (NAHLN)



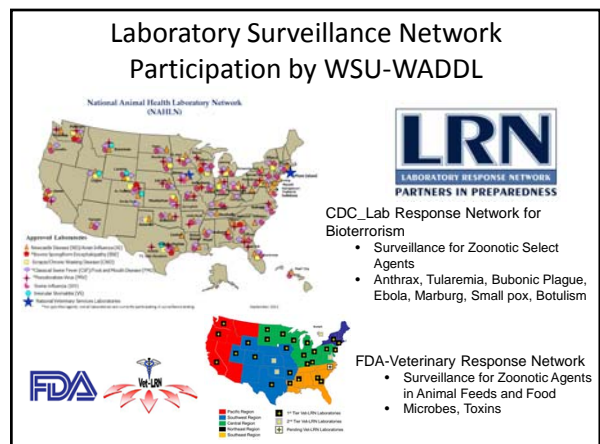
LRN
LABORATORY RESPONSE NETWORK
PARTNERS IN PREPAREDNESS

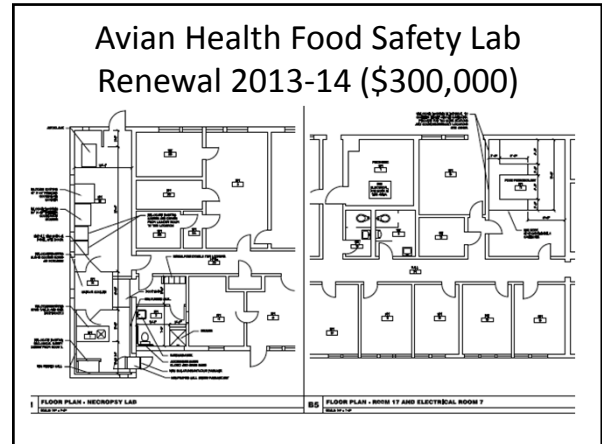
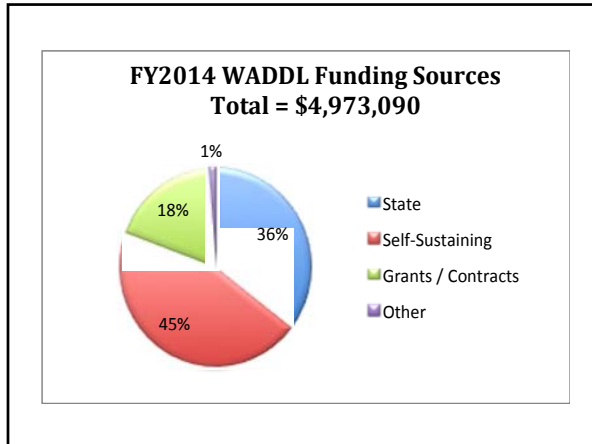
CDC_Lab Response Network for Bioterrorism

- Surveillance for Zoonotic Select Agents
- Anthrax, Tularemia, Bubonic Plague, Ebola, Marburg, Small pox, Botulism

FDA-Veterinary Response Network

- Surveillance for Zoonotic Agents in Animal Feeds and Food
- Microbes, Toxins





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 Dr. Monica Pineda, UC Davis: Very Virulent Infectious Bursal Disease in California..... 30 min
 Dr. Lyndon Buckner, WSDA: Emergency Preparedness..... 30 min
 Dr. Vicky Bowers, Avian Health Center BC Canada: Managing Disease Risk in a Multi-Species Poultry Population..... 30 min

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 Dr. Rocio Crespo, WSU: The Role of Vaccination and Lab Monitoring in the Control of Poultry Diseases..... 30 min

Luncheon (provided)..... noon to 1:00 pm

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 Dr. Monica Pineda, UC Davis: Knowledge of the Microorganism Population to Promote Poultry Health..... 30 min
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COLLEGE OF VETERINARY MEDICINE
WASHINGTON STATE UNIVERSITY