

NAHLN Historical Training Activities

Quality Management Systems (QMS) Training

The NAHLN QMS Training courses were held at the National Centers for Animal Health in Ames, Iowa, unless otherwise indicated below:

2018 – September 28-31, 2018: NAHLN QMS training at the University of Nebraska Veterinary Diagnostic Center in Lincoln, NE.

- A total of 19 participants were in attendance.

2018 – August 7-10, 2018: NAHLN QMS training for member Laboratories

- 64 NAHLN Laboratories participants from 32 states
- 11 Aquaculture Laboratories participant from 9 states
- 1 Plant Network participant.

2017 – July 11-14, 2017: NAHLN QMS training for member laboratories

- A total of 63 participants representing 34 NAHLN laboratories attended.

2017 – June 20, 2017: NAHLN QMS training presented at the 58th Annual Western Fish Disease workshop in Suquamish, WA.

2017 – April 7, 2017: NAHLN QMS training presented at the 42nd Annual Eastern Fish Health workshop in East Lansing, MI.

2016 – August 2-3, 2016: NAHLN QMS training for member laboratories – First Regional training,

- Hosted by the Bronson Animal Disease Diagnostic Laboratory in Kissimmee, FL; also attended by representatives from the Virginia Department of Agriculture laboratories.
- A total of 35 participants representing two laboratories were in attendance.

2016 – July 12-15, 2016: NAHLN QMS training for member laboratories

- A total of 55 participants representing 34 NAHLN laboratories and one industry laboratory attended.

2015 – August 4-7, 2015: NAHLN QMS training course for member laboratories and international visitors.

- A total of 68 participants representing 30 NAHLN laboratories, one prospective NAHLN laboratory, and fourteen international countries attended.
- Countries represented were; Cameroon, Georgia, India, Jordan, Kazakhstan, Kenya, Morocco, Pakistan, St. Lucia, South Africa, Trinidad & Tobago, Tunisia, Uganda, and Vietnam.

2015 – January 27-30, 2015: NAHLN QMS training course provided to the National Plant Diagnostic Network (NPDN), sponsored by APHIS Plant Protection and Quarantine (PPQ).

- A total of 54 participants representing 36 plant laboratories and accreditation program personnel attended.

2014 – August 5-8, 2014: NAHLN QMS training course for member laboratories and international visitors.

- A total of 67 participants representing 26 NAHLN laboratories and fourteen international countries attended.
- Countries represented were; Barbados, Brazil, India, Jamaica, Kenya, Mexico, Morocco, Nigeria, South Africa, South Korea, Thailand, Tunisia, Uganda, and Yemen.

2014 – February 25-28, 2014: NAHLN QMS training course provided to the National Plant Diagnostic Network (NPDN), sponsored by APHIS Plant Protection and Quarantine (PPQ).

- Hosted by the Center for Plant Health Science and Technology (CPHST) Laboratory in Beltsville, MD
- A total of 27 participants representing plant laboratories and accreditation program personnel

2013 - August 6-9, 2013: NAHLN QMS training course for member laboratories and international visitors.

- A total of 62 participants representing 25 NAHLN laboratories and nineteen international countries attended.
- Countries represented were; Canada, Cambodia, Egypt, Iraq, Kazakhstan, Kenya, Korea, Laos, Mexico, Morocco, Philippines, Russia, South Africa, Taiwan, Tanzania, Thailand, Trinidad & Tobago, Vietnam, and Yemen.

2012 - July 24-27, 2012: NAHLN QMS training course for member laboratories and international visitors.

- A total of 51 participants representing thirteen NAHLN laboratories and ten international countries attended.
- Countries represented were; India, Iraq, Kazakhstan, Kenya, Pakistan, Russia, Tajikistan, Tanzania, Uganda, and Ukraine.

2012 - June 4-8, 2012: NAHLN QMS training course provided to an International visitor from Iraq as a part of a two-month International Scientific Exchange Scholar program.

2011 - August 2-4, 2011: NAHLN QMS training course for member laboratories and international visitors.

- A total of 26 participants representing ten NAHLN laboratories and five international countries attended.
- Countries represented were; Russia, Ukraine, Kazakhstan Kenya, and Tanzania.
- All presentations and training materials provided in both English and Russian.

2011 - April 12-14, 2011: NAHLN QMS training course provided to the National Plant Diagnostic Network (NPDN), sponsored by APHIS Plant Protection and Quarantine (PPQ).

- A total of 27 participants representing eighteen laboratories attended.

2010 - August 3-5, 2010: The first NAHLN QMS training course was provided to NAHLN laboratories.

- A total of 87 participants representing 53 laboratories attended.
- 40 NAHLN Laboratories, eight prospective laboratories, four Federal laboratories (NVSL in Ames, Iowa; NVSL's Foreign Animal Disease Diagnostic Laboratory in Plum Island, New York; USDA laboratory in Topeka, Kansas; Plant Protection and Quarantine (PPQ)), and one guest from the University of Montreal were represented.

IT Messaging Training

2017 – August 16, 2017: NAHLN Exercises and Drills Workgroup and LMS hosted a four hour Messaging Basics Training webinar. Dr. Mike Martin and Dr. Julie Green provided the training. Training topics

included: Terminology site tools overview, Choices for message building; Specimen types translated into code – VTSL site; LOINC, SNOMED, Method OIDs, Short List and Test setup in LIMS

- A total of 53 individuals participated in the training
- Training recording was made available

2011 – August 9-10, 2017: The NAHLN hosted an IT Messaging Training course, held at the National Centers for Animal Health in Ames, Iowa. The training material covered an overview of NAHLN and IT message standards, HL7 content mapping, terminology mapping, message construction options, message transport and security, and message creation. The sessions included one day of classroom instruction and one day of hands-on training.

- A total of 17 participants from 10 state laboratories across the country

Train the Trainer Program

High-throughput equipment training

2010 – Colorado State University Veterinary Diagnostic Laboratory hosted regional training workshop for high-throughput equipment in February 2010. Representatives from two NAHLN laboratories participated in a two-day training course.

2010 - The Bronson Animal Disease Diagnostic Laboratory hosted regional training workshop for high-throughput equipment in January 2010. Representatives from three NAHLN laboratories participated in a two-day training course.

2008 - Kansas State University hosted training workshops for high-throughput equipment in May-July 2008. The sessions were held in collaboration with the NVSL's Diagnostic Virology Laboratory and Foreign Animal Disease Diagnostic Laboratory. Representatives from 31 NAHLN laboratories participated in a two-day training course that included an overview of high-throughput systems, instruction on equipment programming, and breakout sessions for hands-on training. High-throughput systems have been validated for use with real-time PCR for influenza A virus in avian (IAV-A), classical swine fever (CSF), and foot-and-mouth disease (FMD). Upon completion of training participants were tested for proficiency.

2007 - Iowa State University hosted a pilot workshop for training on high-throughput equipment in September 2007. The workshop was held in collaboration with the NVSL's Diagnostic Virology Laboratory and Foreign Animal Disease Diagnostic Laboratory. Representatives from three NAHLN laboratories participated in a two-day training course that included an overview of high-throughput systems, instruction on equipment programming, and breakout sessions for hands-on training. A training manual was developed for high-throughput PCR systems based on this pilot workshop.

Polymerase chain reaction (PCR)

2005 - Wisconsin Veterinary Diagnostic Laboratory hosted a regional training workshop on PCR on May 9-13, 2005. The workshop was held in collaboration with the NVSL's Foreign Animal Disease Diagnostic Laboratory and National Animal Health Laboratory Network Program office. Representatives from six NAHLN laboratories and the NVSL DVL participated in a three-day training course.

2005 - Texas A&M Veterinary Medical Diagnostic Laboratory hosted a regional training workshop on PCR on April 25-29, 2005. The workshop was held in collaboration with the NVSL's Foreign Animal Disease Diagnostic Laboratory and National Animal Health Laboratory Network Program office.. Representatives from eight NAHLN laboratories participated in a three-day training course.

2005 - University of Georgia, Athens Veterinary Diagnostic Laboratory hosted a regional training workshop on PCR on April 18-22, 2005. The workshop was held in collaboration with the NVSL's Foreign Animal Disease Diagnostic Laboratory and National Animal Health Laboratory Network Program office. Representatives from seven NAHLN laboratories participated in a three-day training course.

2005 – UC-Davis, California Animal Health & Food Safety Laboratory hosted a regional training workshop on PCR on April 4-8, 2005. The workshop was held in collaboration with the NVSL's Foreign Animal Disease Diagnostic Laboratory and National Animal Health Laboratory Network Program office. Representatives from seven NAHLN laboratories participated in a three-day training course.