

Matthew Denslow



The Southern Ohio/Kentucky Section held a meeting on 16 April 2015. The Ohio Department of Agriculture (ODA), Division of Weights and Measures hosted the meeting at their Reynoldsburg complex. The Bionetics Corporation, Newark Metrology Operations, sponsored meeting refreshments and lunch for attendees. Mr. Matthew Denslow, Bionetics Training Manager and Section Coordinator greeted attendees. Mr. Daniel Walker from the ODA Weights and Measures Division's calibration laboratory assisted with attendee registration and later provided a tour of the laboratory. The day's agenda began with Ms. Fran Elson-Houston, Chief of the Weights and Measures division explaining the many responsibilities of the ODA and the numerous divisions of the campus. Next, Fran introduced the ODA Director, Mr. David Daniels. Mr. Daniels welcomed attendees emphasizing the importance that measurement plays to Ohio commerce. He thanked Fran for all the great support she and her team provide. I greatly appreciate Mr. Daniels taking the time from his busy schedule to speak to our group. His doing so truly demonstrates his understanding of the importance measurement plays to society.

Mr. Lloyd Baker, 1130 NCSLI Mid-Western Regional Coordinator, presented the NCSLI Board of Directors' meeting activities, highlighted with the welcoming of our new NCSLI President Roger Burton. Lloyd encouraged everyone to attend the upcoming conference and tutorial program. Additionally, Lloyd discussed the many current committee projects and asked anyone interested to volunteer to help.

Mr. Warren Merkel Chief, National Voluntary Laboratory Accreditation Program, spoke to the group next giving a presentation titled, "From Paris, France to Paris, Ohio: The Role of International Mutual Recognition Arrangements in Traceability." Mr. Merkel's explanation of the International Bureau of Weights and Measures (BIPM) and numerous subcommittees provided a clear insight to their purpose. Mr. Merkel went on to describe the development and interaction of the global regional metrology organizations. Next, we discussed the purpose and role of the International Laboratory Accreditation Cooperation (ILAC). Membership in ILAC provides for the recognition of accrediting bodies and promotes confidence in the services provided by an accredited member.



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Concluding the presentation Mr. Merkel touched on how the National Conference for Weights and Measures has influenced legal metrology within the United States.

Mr. Dilip Shah, President E=MC3 Solutions Inc., again volunteered his time for our NCSLI members with a presentation titled, "The Impact of Legal Metrology on Everyday Life." Dilip provided examples of how conversion factors can influence the result and of how not being aware of measurement uncertainty can critically impact the consumer. In respect to measurement it is noted that emphasis must be placed on the documentation of traceability. Consumer confidence can be achieved through the purchase of

products and services from accredited vendors. Dilip pointed out the various common components of a properly documented test or calibration certificate. It is the responsibility of the purchaser to ensure they have received all the information requested.

Following lunch, meeting attendees were given a tour of the numerous campus facilities. We began with the calibration laboratory. The laboratory is accredited to *ISO 17025:2005* through NVLAP and is certified by NIST to provide metrological traceability for the State of Ohio. The laboratory's scope of calibration and measurement capabilities includes surveying rods and tapes, mass determination and volume transfer. Weights and Measures Division personnel are proud to operate one of four National Type Evaluation Program (NTEP) laboratories. This laboratory evaluates new scale designs and technology such as the automatic weighing systems, point of sale scales and multiple dimensions measuring devices. Next, the group visited the Animal Health Division where we introduced to the necropsy laboratory, the animal disease diagnostic laboratory and the infectious disease area. The group then traveled to the Consumer Protection Laboratory. While there we were introduced to the microbiology, pesticides, general chemistry and analytical toxicology sections. These laboratories support dairy and meat inspection and other food safety programs, plant industry and the animal industry. Unfortunately we were not able to visit the remaining divisions due to time constraints but thanks for the tour.

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