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Employee Highlight**OWM Welcomes
Clark Cooney**

Mr. Clark Cooney joined the National Institute of Standards and Technology, Office of Weights and Measures (OWM) team in the Legal Metrology Devices Program on May 19, 2014.

Clark retired from the Oregon Department of Agriculture (ODA), Weights and Measures Program, on July 1, 2013, after 27 years of service. When Clark started as a new inspector with ODA Weights and Measures Division, he conducted examinations on small, medium, and heavy capacity scales including jewelry, grocery, warehouse, livestock, vehicle, and railroad scales; metering systems including retail motor-fuel dispensers (RMFD), vehicle-tank meters (VTM), and wholesale "loading rack" meters; liquefied petroleum gas (LPG) retail "bottle fill" and vehicle mounted meters; and packaged product examinations. Clark also completed a NIST LPG Train-the-Trainer course and conducted LPG meter examination training. Throughout his career with ODA Weights and Measures, he was an integral part of their entire training program.

Clark also brings with him extensive experience in fuel quality regulation. From the mid 1990s until his retirement, Clark worked with consumers, automobile manufacturer representatives, biofuel (ethanol and biodiesel) representatives, and retail and wholesale petroleum fuel representatives to draft regulations implementing the state's fuel quality laws. In addition, Clark continually worked with these same groups and other interested parties to amend the administrative rules to adopt updated versions of the NIST Handbooks 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices," sections of Handbook 130, "Uniform Laws and Regulations in the Areas of Legal Metrology and Engine Fuel Quality," and Handbook 133, "Checking the Net Contents of Packaged Goods."

Furthermore, Clark served on the Western Weights and Measures Association (WWMA) Specification and Tolerances (S&T) Committee for six years and chaired it twice; the National Conference on Weights and Measures (NCWM) S&T Committee for five years serving as its Chair, and he was the WWMA President in 2003. From his start, Clark's responsibilities and titles

REMINDER

**THE 99TH NATIONAL CONFERENCE ON
WEIGHTS AND MEASURES
ANNUAL MEETING
July 13 - 17, 2014**

The 2014 Annual Meeting will take place in Detroit, Michigan. Early Bird registration closes June 20, 2014. Information can be obtained on the NCWM website at <http://www.ncwm.net>. Register today and share your valuable experience and knowledge with the membership. Federal, state, county, and industry participation is welcome.

Contact: (402) 343-4880 or
info@ncwm.net

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MEASURES**

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within the ODA Weights and Measures Program expanded from Inspector to Program Coordinator, Assistant Administrator, and finally Program Manager.

As part of the NIST/OWM team, Clark will be serving as a NIST Technical Advisor on the NCWM S&T Committee, and on the NTEP Measuring Sector. As you can see, Clark brings a wealth of personal and professional life experiences to the NIST Office of Weights and Measures and the weights and measures community as a whole. Welcome aboard Clark!

Principal Display Panels on Random Packages

Byline: Lisa Warfield

NIST Office of Weights and Measures (OWM) has received inquiries from several states as to whether a Principal Display Panel (PDP) on random weight packages must always be displayed so that the PDP faces consumers. In NIST Handbook 130, "Uniform Laws and Regulations in the Areas of Legal Metrology and Engine Fuel Quality," Packaging and Labeling Regulations are identical to the Fair Packaging and Labeling Act (FPLA). They define what a principal display panel is but do not address any requirements as to how the PDP is to be displayed to the consumer.

NIST Handbook 130, Uniform Packaging and Labeling Regulation, Section 2.7. Principal Display Panel or Panels defines the PDP as:

"That part, or those parts, of a label that is, or are, so designed as to most likely be displayed, presented, shown, or examined under normal and customary conditions of display and purchase. Wherever a principal display panel appears more than once on a package, all requirements pertaining to the "principal display panel" shall pertain to all such "principal display panels."

If the label on a random weight package meets the following criteria in Section 11.1. Random Packages, it would be considered the "label" that a consumer would use in part of the decision to make a purchase.

Handbook 130, Section 11. Exemptions and Section 11.1. Random Packages states the following:

"A random package bearing a label conspicuously declaring:

- (a) the net weight;
- (b) unit price; and
- (c) the total price

shall be exempt from the SI units, type size, location, and free area requirements of this regulation. In the case of a random package packed at one place for subsequent sale at another, neither the price per unit of weight nor the total selling price

Calendar 2014

Registration for training in the NIST Office of Weights and Measures is handled by Yvonne Branden at yvonne.branden@nist.gov.

Course descriptions can be viewed on the Office of Weights and Measures website at <http://www.nist.gov/pml/wmd/calendar.cfm> and clicking on the name of the course.

June 24 - 26 (3 days)
OIML TC 7/SC 4 Meeting
NIST
Gaithersburg, MD

June 25 - 26 (2 days)
HB 130 - Price Verification
Class No. 5325
Hartford, CT

July 8 - 10 (3 days)
Livestock and Animal Scales
Class No. 5286
Hartford, CT

July 13 - 17 (5 days)
National Conference on Weights and Measures - Annual Meeting
Detroit, MI
Contact: info@ncwm.net

July 28 - 31 (4 days)
NCSL International Conference 2014
Measurement Science and the Environment
Orlando, FL
Contact: info@ncsli.org

August 11 - 15 (5 days)
HB 133, Basic - Checking the Net Contents of Packaged Goods
Class No. 5313
Little Rock, AR

August 14
Webinar - Calibration Certificate Evaluation
2:00 p.m. - 4 p.m.
Class No. 5292

August 18 - 22 (5 days)
Volume Metrology Seminar
Class No. 5293
NIST/Gaithersburg, MD

August 20 - 21 (2 days)
NTEP Grain Analyzer Sector Meeting
Kansas City, MO
Contact: info@ncwm.net

August 21
Webinar - Contract Review
2:00 p.m. - 4 p.m.
Class No. 5301

August 26 - 28 (3 days)
NTEP Joint Meeting of: Weighing Sector
(Aug. 26 - 27) (2 days) & Software Sector
(Aug. 27 - 28) (2 days) - Atlanta, GA
Contact: info@ncwm.net

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need appear on the package, provided the package label includes both such prices at the time it is offered or exposed for sale at retail.

This section shall also apply to uniform weight packages of fresh fruit or vegetables labeled by count, in the same manner and by the same type of equipment as random packages exempted by this section, and cheese and cheese products labeled in the same manner and by the same type of equipment as random packages exempted by this section.”

There are many occasions when random weight labels are placed on the bottom of packages, so when a product is run across the scanner at checkout it does not need to be turned over, which would destroy the packaged product (e.g., cakes, cupcakes). On cheese blocks, labels are placed on the bottom to avoid covering up additional information on the primary label that would also assist the consumer (i.e., type of cheese or properties of cheese).

Overall, the PDP is needed to provide the consumer with information as to what they are purchasing, the quantity being purchased, and the total price. This information should be clear and conspicuous to consumers, but they may need to pick up the product to examine the label for this information. There is no requirement in the UPLR that a store must have this information physically placed in a manner where the label is in direct view of a consumer at all times.

For more information on the subject contact: The OWM, Laws and Metric Program, (301) 975-4004.

Outreach

OWM Reaches Out to Maryland Middle School

Byline: Elizabeth Gentry

On May 15, 2014, two staff members from the National Institute of Standards and Technology (NIST) Office of Weights and Measures (OWM) traveled to Ellicott City, Maryland, to participate in the Science Technology, Engineering, and Mathematics (STEM) Night at Folly Quarter Middle School. This was the second year for OWM to participate in this outreach event organized by Ms. Sherri Capurso, Science Team Leader, to promote careers in STEM. Ms. Capurso first learned about the OWM education outreach efforts when she attended the NIST Summer Institute for Middle School Science Teacher Institute (<http://www.nist.gov/iaao/teachlearn/>). Ms. Capurso mentioned that Folly Quarter is considering adding a second fair during the fall semester to provide additional opportunities for students to explore STEM.

The heavy thunderstorms may have played a factor in the overall event attendance; however, there were had quality interactions with about 20 students and 15 parents during the event. The NIST exhibit consisted of several

August 28
Webinar - Document Control and Record Keeping
2:00 p.m. - 4 00 p.m.
Class No. 5299

September 8 - 11 (4 days)
Central Weights and Measures Association (CWMA) Interim Meeting
St. Charles, MO
Contact: info@ncwm.net

September 8 - 19 (2 weeks)
Mass Metrology Seminar
Class No. 5297
NIST/Gaithersburg, MD

September 14 - 18 (5 days)
Western Weights and Measures Association (WWMA) Annual Meeting
Portland, OR
Contact: www.westernwma.org

September 18
NIST Training at the Western Weights and Measures Association (WWMA) Annual Meeting - Evaluating Performance, Learning Objectives, and Training Effectiveness for Managers
Class No. 5328
Portland, OR

October 3 - 4 (2 days)
NTEP Measuring Sector Meeting
Raleigh, NC
Contact: info@ncwm.net

October 4 - 8 (5 days)
Southern Weights and Measures Association (SWMA) Annual Meeting
Raleigh, NC
Contact: info@ncwm.net

October 5
NIST Training at the Southern Weights and Measures Association (SWMA) Annual Meeting

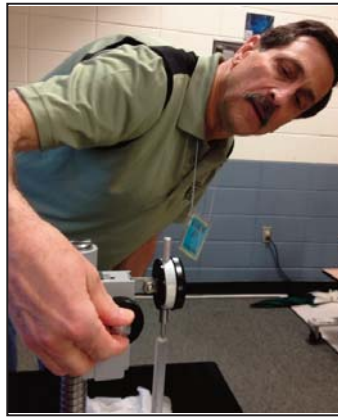
Evaluating Performance, Learning Objectives, and Training Effectiveness for Managers
Class # 5327
Raleigh, NC

October 15 - 16 (2 days)
Northeastern Weights and Measures Association (NEWMA) Interim Meeting
Norwich, CT
Contact: info@ncwm.net

October 19 - 23 (5 days)
Combined Regional Measurement Assurance Program*
Class No. 5157
St. Louis, MO

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hands-on activities and the distribution of education publications, which included information on the NIST SHIP (high school internship) and SURF (college research fellowship) summer programs. OWM team collaborated with Mr. Vernon Alt, Jr. (Northrop Grumman), who is currently the NCSL International Vice President for Learning and Development and an enthusiastic Metrology Ambassador. Mr. Alt's demonstration illustrated the linear coefficient of expansion and the impact temperature has on a wide variety of materials used in metrology and manufacturing applications. The NIST, OWM and the National Oceanic Atmospheric Administration (NOAA) exhibits were located next to each other making the U.S. Department of Commerce well represented at this event!



Vernon Alt, Jr. demonstrating metrology concepts.

Attendees were able to participate in the following activities:



Elizabeth Gentry distributing measurement resources.

Create a Liter Cube – A hands-on activity where students decorate a cubic decimeter (one liter) template and assemble it into a box to increase their familiarity with one liter (1000 milliliter) quantities.

Vernier Lab Quest and Sound Meter – A hands-on activity where students measure the sounds made by toys to become familiar with decibel (dB) measurement units and learn the importance of maintaining personal safety (especially hearing) in all career fields and in everyday life.

Cubic Centimeter Math Manipulatives – A hands-on activity where students measure cubic centimeter blocks to become more familiar with length, area, volume, and mass.



Tina Butcher sharing STEM career information with Folly Quarter parent.

Pictures provided by staff.



**Have a Safe
and
Happy 4th!**

October 22 - 24 (3 days)
HB 130 - Packaging and Labeling
Class No. 5323
Fort Worth, TX

November 3 - 7 (5 days)
Fundamentals of Metrology
Class No. 5309
NIST/Gaithersburg, MD

November 4 - 7 (4 days)
HB 130 - Packing and Labeling
Class No. 5324
Lake Mary, FL

2015

January 18 - 21
National Conference on Weights and Measures Interim Meeting
Daytona Beach, FL
Contact: info@ncwm.net

January 26 - 30 (5 days)
Fundamentals of Metrology
Class No. 5329
NIST/Gaithersburg, MD

February 12
Webinar - Conducting an Effective Management Review
2:00 p.m. to 4:00 p.m.
Class No. 5295

February 26
Webinar - Internal Auditing Best Practices
2:00 p.m. to 4:00 p.m.
Class No. 5296

March 16 - 27 (2 weeks)
Mass Metrology Seminar
Class No. 5333
NIST/Gaithersburg, MD

July 19 - 23
NCSL International Conference 2015
Metrology and the Quality of Life
Orlando, FL
Information: www.ncsli.org

August 30
Webinar - Contract Review
2:00 p.m. - 4:00 p.m.
Class No. 5334

*Invitation Only
**Limited to State Laboratory Program Participants