

**U.S. Consumer Product Safety Commission  
LOG OF MEETING**

**SUBJECT: Meeting of the US TAG to ISO TC/229**

**DATE OF MEETING: September 4-5, 2018**

**LOG ENTRY SOURCE: Joanna Matheson, HS**

**DATE OF LOG ENTRY: September 13, 2018**

**LOCATION: American National Standards Institute (Washington, DC)**

**CPSC ATTENDEE(S): Joanna Matheson HS; Treye Thomas EXHR**

**NON-CPSC ATTENDEE(S): Heather Benko (ANSI), Shaun Clancy, Angela Hight-Walker (NIST), Monita Sharma (PETA), Aleks Stefaniak (NIOSH), Jose Centeno (FDA), Amanda Prendergast (Exponent), Cindi Dennis (NIST), Vince Hackley (NIST), Vladimir Murashov (NIOSH), Karen Murphy (NIST), Mohammad Ali (Nanophase), Ajit Jillavenkatesa (NIST), Scott Brown (ACC/Chemours), Jay West (ACC), Jiwen Zheng (FDA), Katherine Tyner (FDA), Rakhi Dalal (FDA), Anil Patri (FDA), Rui Peng (FDA), Peter Goering (FDA), Chris Cannizzaro (Department of State) and David Ensor. This does not represent everyone participating in the meetings either in person or on the phone, please contact Heather Benko at ANSI for the complete list.**

**SUMMARY OF MEETING: On Tuesday, September 4, 2018, each of the US**

**Technical Advisory Group (US TAG) to ISO Technical Committee 229 (ISO TC/229) working groups met simultaneously to review current work items that were under ballot, projects that are nearing completion, new work items, and what is expected to be on the agenda for the upcoming joint meeting on October 29-November 2, 2018, in Kuala Lumpur, Malaysia. Participants were present in the room or teleconferenced. In addition, the working groups discussed potential work items for future activities as well as efforts for outreach.**

**On Wednesday, September 5, 2018, Ajit Jilla and Heather Benko outlined the schedule for the Kuala Lumpur joint meeting and reviewed the key issues for each document that will be discussed at the joint meeting. Registration to attend the joint meeting ends the first week of October.**

**The lead for each US TAG ISO/TC 229 working group provided a summary of the Tuesday session discussions. The US TAG remains active in ISO standard development including work on guides on standard terms and definitions for specific nanomaterials (e.g., cellulose, graphene, carbon nano-objects) and nano-manufacturing, standards on nanomaterial specifications (e.g., magnetic nanoparticles, nanoclay, liposomes), standards on characterizing nanomaterials (e.g., graphene) as well as methodology characterization (e.g., thermogravimetric analysis, SMLS, x-ray spectrometry, field-flow fractionation, use of TEM and SEM for particle size and size distribution, in different matrices [e.g., metals in water samples, mixed dust industrial environment]), and screening methods for toxicity (e.g., 3D cells, airborne toxicity, toxicokinetic studies, photocatalytic activity, label-free impedance technology). The newly formed working group on Products and Applications held its first joint meetings recently and has preliminary work items on 3D cell culture, radiolabeling methods for nanomaterials, anti-bacterial textiles, superparamagnetic beads and electrochemical biosensors. In addition, this new working group is requesting market surveys on nanomedicine in order to identify gaps and potential working group projects. Chris Cannizzaro spoke briefly on the potential consolidation of ISO/TC 229 Task Groups 2 (Consumer and Societal Dimensions) and 3 (Nanotechnology and Sustainability).**