**ESCOP Science & Technology  
Call Notes: January 25, 2016**

**Committee Members:**

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| |  |  |  | | --- | --- | --- | | **Chair:** Marikis Alvarez (ARD) | | | |  |  |  | | **Delegates:** |  |  | | Larry Curtis (WAAESD) | | | | David Thompson (WAAESD) | | | | Joe Colletti (NCRA) | | | | Deb Hamernik (NCRA) | | | | Cameron Faustman (NERA) | | | | Adel Shirmohammadi (NERA) | | | | Nathan McKinney (SAAESD) | | | | Harald Scherm (SAAESD) | | | | John Yang (ARD) Ed Buckner (ARD) Chair Elect ? (WAAESD) | | | |  | | | |  |  |  | | **Executive Vice-Chair** | | | | Jeff Jacobsen (NCRA ED) Chris Hamilton (NCRA AD; Recorder) | | | | |  |  |  |  | | --- | --- | --- | --- | | **Liaisons:** | | | | | Terry Nelsen (ERS) | | | | | TBD (OSTP) Robert Matteri (ARS) | | | | | Charles Allen (Pest Mgmt Subcom) | | | | | Edwin Price (ICOP) | | | | | Dwayne Cartmell (Social Sci Subcom) | | | | | Parag Chitnis (NIFA) | | | | | Denise Eblen (NIFA) | | | | |  | | | | |  |  |  |  | |  | | | | |  | | | | |  | | | |   **\*Chair elect** |

**Participants:** Marikis Alvarez, David Thompson, Deb Hamernik, Cameron Faustman, Adel Shirmohammadi, Nathan McKinney, John Yang, Robert Matteri (Midwest ARS Director), Denise Eblen, Ian Maw (APLU), Chris Hamilton (recorder)

**Action Items:**

1. Encourage participation on NCDC230: Antimicrobial Resistance and its renewal project, especially for social scientists, to come up with a robust 5-year plan. Chris Hamilton will resend the participation invitation through NIMSS.
2. Next call scheduled for Monday, February 22 at 4 pm ET.

**Call Notes:**

1. Roll Call – See participants list above
2. Minutes (review and approve) - Approved
3. Agenda (review and adopt) - Approved
4. APLU antibiotic resistance report discussion with Ian Maw (APLU)
   1. Robert Matteri gave a brief introduction as the new ARS representative to the ESCOP S&T committee.
   2. Chase Crawford unable to join this call as originally intended, so Ian Maw joined in his place and gave the committee some background information on the formation of the Joint APLU/AAMVC task force and report on antibiotic resistance. Ian discussed some of the Task Force Recommendations:
      1. Outreach and education needs:
         1. New curriculum development for veterinarians and vet schools is necessary
         2. Improved outreach and education for producers and the general public, via Cooperative Extension, especially
      2. Research needs:
         1. Need more and improved research on effects of antibiotic resistance, mechanisms of antibiotic use, as well as the development of new antibiotics
         2. There is a need for interdisciplinary, multi-institutional research efforts, including both animal and human health.
      3. Establishment of an independent University Research Organization (URO) that operates as a non-profit, 503c organization is also necessary (503c status recent allowed by recent omnibus bill).
   3. Open committee discussion on the APLU task Force Report ensured. Major points include:
      1. Partnering with medical schools (Human Medicine and Public Health) is critical for success on this effort, as well as across agencies, NIH, USDA, etc.
      2. Development of a national health symposium that would include medical researchers, agricultural directors, etc., perhaps later this spring, 2016.
      3. Use the APLU report to encourage researchers to work on these topics
      4. This is a long-term effort; we need to engage many groups, create some UROs, and move forward. The problem cannot be solved in a year or two.
      5. This complex human health issue needs to be more visible to Congress and needs to be made more understandable by the general public. This is why we especially need Cooperative Extension to help with outreach and education.
      6. What role should ESCOP/LGUs in general play in this topic?
         1. Perhaps a session on the topic at the next Fall ESS meeting?
         2. Encourage participation on NCDC230: Antimicrobial Resistance as they develop their full, five year project.
      7. Increased funding for USDA on AMR

Call Adjourned at 4:58 pm ET