TRB Impairment in Transportation (ACS 50)

Meeting Notes

September 22, 2022 (Thursday) 2:00 – 3:00 PM United States Eastern Time

1. Welcome (Tara KB)

2. Mid-year meeting, Novel Methods for Assessing the Prevalence of Drugged Driving – summary and follow-up efforts (Ryan, Tara KB)
    a. An attempt to shift the focus from what we cannot do to what data are available and novel methods for understanding those data.
    b. Meeting topics: Toxicology Standardization and Improvement, State Data Linkages and Enhancements, Trauma Center Approaches, Roadside Surveys
    c. Two potential working groups/subcommittees emerged—
        i. **Sentinel Surveillance System for Drugged Driving:** AAA is moving towards this in California and Dennis Thomas mentioned that a number of trauma centers that participated in the NHTSA study would be amenable to being part of such a system. (Volunteers so far: Jeff Brubacher, Eduardo Romano, Eileen Taylor)
        ii. **Sharing of drug data:** the goal is to pull data sources together into a common spot or a common pointer system. If you have data you want to share, please email us with details. We are working with Bernardo to determine where these can be housed for sharing. At the very least, we should be able to draw up a list of available data sources with contact information. (Needs volunteers)
        iii. Please contact Tara (tara.kelleybaker@dot.gov) or Jana (pricej@ntsb.gov) if you want to volunteer
    d. We are also working to add the midyear meeting slides to our committee website

3. Committee papers for annual meeting (Ryan)
    a. 12 submissions this year
    b. People could submit for publication or for presentation at annual meeting
    c. Thanks to members (and some friends) who stepped up to review proposals
    d. Next step: Tara and Ryan will discuss reviews and make final decisions
    e. If you submitted, you should hear soon if your proposal was accepted for a session. The full paper reviews may take a little longer because there is another layer of review

4. Annual meeting (Tara KB, Ryan)
    a. Sunday workshop (January 8 from 9am-noon) “Society and impaired driving – has the paradigm changed?” Joint effort with Law Enforcement and Occupant Protection.
        i. Possibly an interest in legal changes as it relates to drug-impaired driving and enforcement (e.g., blood draw in California, Olenowski in NJ should be ruled on soon)

b. Conference sessions There are 2 lecture sessions available. Tara notes that we can also use our committee meeting time for presentations. Committee meeting can be 1-or 2 slots depending on preferences.

5. Committee Research Needs Updates (Tara KB for Heather)
   The BTSCRP Research Committee selected the IiT's problem statement on "Economic Evaluations of Roadside DUID Programs". It was given $500,000 in funds and is being managed by Richard Retting of the National Academies. We sent out information to the committee members and friends and encouraged everyone to self-nominate to serve on the advisory panel for this solicitation. If you did so and were selected, let us know and keep us posted on the progress of the RFP and project (Contact: Heather Barkholtz, hbarkholtz@wisc.edu)

6. COVID working group update (Tara KB for Justin)
   a. The COVID-19 working group is continuing to explore the pandemic's impact on impaired driving rates and develop solutions to better address the challenges that have emerged.
   b. The group is currently writing a white paper, which has 3 aims:
      i. to summarize the new and evolving peri-pandemic reality for road safety related to alcohol and drug impairment among passenger vehicle drivers in North America from 2010 to present;
      ii. to identify factors that may prevent near-term road fatalities; and
      iii. to identify emerging research needs to prevent future road fatalities.
   c. As part of this paper, an international team of experts is conducting a systematic literature review to identify key research studies on peri-pandemic changes in driving behaviour, traffic safety culture, and traffic enforcement using a social-economic framework.
   d. The findings will inform recommendations to enhance road safety strategies in North America, with implications for developing countries.
   e. The working group is also exploring available datasets and resources needed to conduct a cross-country data analysis in the new year, which will build on the findings of the white paper.
   f. If you are interested in assisting with this work, please reach out to Tara or Justin. New members are always welcome. Contact Justin: Justin.Chee@OLRTPublicInquiry.ca.

7. Announcements from other members/friend
   a. NHTSA Will announce new projects during the next meeting
   b. AAAFTS – Released RFPs due at 5pm EDT on October 27, 2022, available at https://aaafoundation.org/about/rfp/
   c. National Academy of Science Human and Prevention motivation study for the FAA, ongoing study in the data collect phase per Bernadette Phelan. See https://www.nationalacademies.org/our-work/study-and-recommendations-on-the-hims-fadap-and-other-drug-and-alcohol-programs-within-the-usdot
   d. NTSB crash report containing recommendations on impairment detection technology and forensic toxicology standards was released on Tuesday - HIR2205--Sport Utility Vehicle Centerline Crossover Collision with Pickup Truck on State Route 33, Avenal,

California, January 1, 2021 (ntsb.gov) Tara KB mentioned that NHTSA is drafting an advance notice of proposed rulemaking (ANPRM) in the area of impairment detection technology.

e. CDC released a study in late June/early July comparing motor vehicle crash death rates (by three rate types) in the United States with 28 other high-income countries in 2015 and 2019. The U.S. fared worse than most other high-income countries on most metrics. Among other public health actions, the report highlights how 26 of the 29 countries in the study have BAC laws set at ≤0.05 grams per deciliter (g/dL) or less. The report also highlights NHTSA's evaluation of the .05 BAC law in Utah. Motor Vehicle Crash Deaths — United States and 28 Other High-Income Countries, 2015 and 2019 | MMWR (cdc.gov)
f. Tara shared a MADD link describing impaired driving provisions in the Infrastructure Bill https://madd.org/press-release/10-things-to-know-about-the-drunk-driving-prevention-technology-provision-in-the-infrastructure-bill/
g. ICADTS 2022
    i. Fact sheets available now https://www.icadtsinternational.com/Fact-Sheets
    ii. Presentations will be uploaded shortly
h. GHSA – Upcoming conferences https://www.ghsa.org/events/Upcoming
i. Denise Valenti requesting for assistance, guidance, or sharing information on submitting drug detection technologies to the FDA for approval
    i. DA classifies a technology as a medical device if it detects "impairment" rather than just drug presence
j. The AAAM conference in Portland, Oregon will take place October 11-14 and will include some drug impairment sessions.

8. Adjourn