

HPV Vaccination Uptake Measures Workgroup kick-off call, Thursday, February 5, 3:00-4:00 PM ET

Participants: Dana Ashrawi, Elizabeth Antognoli, Evelyn Gonzales, Pam Hull, Mehwish Javaid, Deanna Kepka, Allison McGuire, Elektra Paskett, Lois Radmonetta, Kara Reihman, Hali Robinett, Susan Vadaparampil, Cindy Vinson, Emily Walling, Amanda Wilburn.

After welcoming everyone, Hali Robinett kicked off the call by explaining how and why the concept of a measures-focused work group came about. She shared that her institution, the University of Hawaii Cancer Center (UHCC) - a P30 supplement grantee, had the previous day launched a survey to identify barriers and promoters of HPV vaccination in HI's pediatric, family medicine and ob/gyn practice communities. After developing a draft of their survey, UHCC turned to Drs. Vadaparampil and Noel Brewer for help, aware of their expertise in HPV research and experience in survey design. Recognizing that many of the P30 supplement grantees are in the process of developing data collection instruments, she approached Drs. Vinson and Sarah Kobrin at the NCI about the opportunity to not only learn from and help each other, but also collect data for comparison purposes. Hence the concept of a working group was proposed – one that would benefit the larger “HPV Vaccine Uptake Network,” which includes the P30 HPV supplement awardees and other subscribers to the HPV Learning Community (R2R).

Everyone on the call introduced themselves and spoke to what they'd like to get out of their involvement in this group as well as what they can each offer the membership (see below).

Dr. Susan Vadaparampil – Moffit Cancer Center: Has done survey work with physicians, looking at vaccination practices at the national and state levels. Would like to hear about what others are doing and, as a group, determine the right questions that we all should/could be asking now. If there are surveys and other instruments that are in the pipeline, could we agree to include common questions for the purpose of comparison later?

Dr. Elektra Paskett - Ohio State University Comprehensive Cancer Center: Epidemiologist working on behavioral interventions; she has conducted studies in Ohio & Appalachia looking at barriers among providers; currently conducting a multi-level intervention to increase vaccination rates; they have many surveys focusing on providers and parents of 18-26 year olds.

Dr. Emily Walling - Washington University: Pediatric Oncology Fellow; currently working on a study that includes a survey targeting clinicians and parents of age eligible kids; developing a tailored intervention tool based on the responses to the survey; new to survey development and interested in learning more.

Dr. Elizabeth Antognoli - Case Western Reserve University: Medical anthropologist by training; planning to launch a survey targeting primary care, OB/GYN, and family medicine practices focusing on communication strategies and office systems barriers; can contribute interview questions from already-conducted key informant interviews.

Amanda Wilburn - Markey Cancer Center: Have been focusing on key informant interviews; pharmacy community, family practitioners and gyn providers will test their instrument; at an

ambulatory network conference scheduled next month they plan to share surveys in development and seek input from providers.

Dr. Pamala Hull – Vanderbilt-Ingram Cancer Center: Completed key informant interviews and now preparing to launch a survey for primary care providers (nurse practitioners & docs) in 89 clinics; looking at operational issues; also have conducted key informant interviews with parents; this is their first time working with providers.

Dr. Lois Radmonetta – University of Texas, MD Anderson Cancer Center: They circulated a draft of their survey (for primary care providers) at the Tampa meeting purposely to seek feedback and work towards identifying core questions for use in TX, and perhaps beyond; shared a copy with 3 other TX groups who were represented at the Tampa meeting. Also gave a copy to Drs. Ana Giuliano and Susan Vadaparampil (Susan noted that she didn't receive MD Anderson's draft survey).

Dana Ashrawi and Mehwish Javaid – MD Anderson Cancer Center: Waiting to launch survey to providers; received some feedback from TX colleagues; survey looks at office systems, client reminders, bundled or optional vaccinations. Initial feedback was to shorten the survey; they would like to look at other surveys before launching.

Dr. Allison McGuire – University of Alabama at Birmingham Medical Center: Interested in identifying common measures for comparison; currently conducting provider survey and will be doing qualitative interviews; results will be used to develop interventions.

Dr. Kara Reihman – American Cancer Society: Program Director for evaluation research for CDC's 5 funded HPV grantees; they will do a provider survey and in-depth qualitative interviews, and implementation research on changes in practice. They are interested in seeing what others are doing for questions and recommendations.

Deanna Kepka – Huntsman Cancer Institute, University of Utah: Conducted a survey targeting pediatricians, now looking to do the same with family medicine providers.

Workgroup workspace on NCI's Research2Reality (R2R) and GEM websites:

Dr. Cindy Vinson introduced two NCI resources available to support the work of this group: NCI's Research2Reality (R2R) website and Grid-Enabled Measures (GEM) Database. Workspace for the HPV Vaccine Uptake community has been established on both sites. Cindy explained the difference between the two sites:

HPV Vaccination Uptake workspace on GEM: GEM is designed to host validated measures and is open to the public for editing, functioning much like a wiki (e.g. Wikipedia). On this site you can publicly share validated instruments. The site is open to anyone focused on HPV, particularly those awarded supplement funds. The link to workspace established purposely for our workgroup is now available on GEM: <https://www.gem-measures.org/public/wsoverview.aspx?cat=8&wid=19&aid=0>

The **HPV Vaccination Uptake Learning Community on R2R** was established for the P30 grantees and others working towards the goal of increasing HPV vaccination uptake in pediatric settings. Unlike the public GEM site, the R2R site is limited to those who register and are

granted access by NCI. The link to our HPV Vaccination Uptake Learning Community on R2R is: <https://researchtoareality.cancer.gov/learning-communities/hpv>. Cindy noted that most if not everyone on today's call should have received an invitation (via email) to this learning community.

The group discussed the benefits of each site relative to the aims of this group; a) to share surveys, key informant questions, focus group discussion guides, etc.; and b) to identify common measures for use by the P30 supplement grantees and other interested groups.

Someone recommended annotating the surveys, where possible, providing a source for the construct for each question (where appropriate).

There was some discussion about the value of deconstructing our respective survey tools to facilitate exchange. For example, similar questions might be saved in a folder labeled "HPV knowledge" or "systems barriers". In response, it was suggested and largely agreed that any process that requires more work to deconstruct an instrument (for the purpose of this group) would be a deterrent.

After some discussion, the group agreed that the R2R site would be more appropriate for our use. Many of the participants on the call agreed to post their sample surveys and key informant discussion guides/questions on the R2R site (in the documents tab); everyone was encouraged to reach out and contact the author/s of the tools where there are questions that interest you.

Cindy asked that in the next week we post what we have/want to share to the HPV R2R learning community, after which she and Sarah Kobrin will do some "back end" work in preparation for our next call.

Emily from Washington University asked about survey validation processes and resources to inform survey validation. Response: There are many ways to do this, and not just one place to find how-to guidance. Include questions from another instrument/s that are similar for comparison. Face validity could be established by piloting your survey, for example, with pediatricians. Or even reach out to someone who does psycho-metrics in your institution; you will probably not use them for the entire instrument, but perhaps for specific segments of the survey. Also, conduct cognitive interviewing to test the questions developed (content validity).

Evelyn Gonzales of Fox Chase Cancer Center asked about environmental scans, noting that Pennsylvania's Comprehensive Cancer Control program is embarking on an environmental scan, looking at clinical practice guidelines and vaccine uptake. Dr. Kara Reihman of ACS shared that the National HPV Vaccination Roundtable is in the process of conducting an environmental scan, identifying organizations currently working to increase HPV vaccination; she has offered to post their survey on R2R. It was noted that all 18 of the P30 HPV supplement grantees are conducting environmental scans; Kara expressed interest in learning about the activities proposed by each grantee, and Cindy offered to share her content analysis, distributed at the Tampa meeting and now posted on R2R.