Perinatal MHRN SIG

December 6, 2017 12-1pm MT

Facilitator: Arne Beck

**Key Action Items from call:**

* **Arne will revise mission statement based on feedback & circulate with group** 
  + **Mission statement revised to include substance use disorders**
* **Belindacreated Perinatal MH SIG repository on Github, now public. Here is the link:** [**https://github.com/MHResearchNetwork/MHRN-Perinatal-MH-SIG**](https://github.com/MHResearchNetwork/MHRN-Perinatal-MH-SIG)
* **Arne to develop brief survey to explore what screeners are used across sites during perinatal visits; explore why PHQ-9 was selected for use instead of perinatal-specific (e.g., EPDS) in Colorado sites**
* **Arne: to send around Lindsay’s paper (KPNC) describing design & implementation of a screening program (2x during pregnancy, 1x postpartum)**
* **All SIG members: if you have an idea for a grant, paper, or research proposal, draft a 1-pager of aims to share with group & see who would be interested in collaboration & driving the work** 
  + **Jenn F will do for perinatal sleep ideas**
* **Kara: Shared** **the call for papers from AJPH:** [**http://ajph.aphapublications.org/pb-assets/downloads/CFP\_Mental%20Health.pdf**](http://ajph.aphapublications.org/pb-assets/downloads/CFP_Mental%20Health.pdf)
  + **Is happy to collaborate & facilitate next steps – let her know if you’re interested!**

**Agenda:**

1. Review, approve revised mission and vision statement / edits to or questions about minutes from October call
2. PMH SIG github
3. Screening tools used in our systems
4. Research ideas (note Letourneau systematic review)
5. NIH launches PregSource (announcement by Lauren Hill)

**Discussion Topics:**

* Review mission and vision statement:
  + Suggested revisions to include substance use disorders and include the word ‘maternal’ when referring to impacts of mental health and SUD.
* PMH SIG github: <https://github.com/MHResearchNetwork/MHRN-Perinatal-MH-SIG>
  + Decision to make it public or private?
    - Public: don’t need an account to access, could go to all materials and don’t need to login...
    - Currently, Belinda has it as private – so everyone needs to create account, and then get invited to join
    - Belinda can recreate public site and repost materials (mission statement, minutes, etc.) – she will send out the link (already done, see above!)
  + Unless major concerns, lean towards public to make acceptable
    - Anything we wouldn’t want to share on public? Just set guidelines of what not posted there
    - But might not want to circulate all information (e.g. grant ideas)
* Screening tools in our systems:
  + Arne sent inquiry to lead of Healthy Beginnings and other KP regions to get assessment of other KP regions, to see what screening assessment tools are being used

From Jocelyn Audelo, RN MPH  
Kaiser Permanente Care Management Institute

National Program Manager, Maternal and Child Health  
Principal Consultant, Center for Health System Performance

Hi All,

Here are the results of the inter-regional crosswalk/assessment I did last year, and some additional contextual info. Please note that it was completed last July so there may have been new developments since then. As you take a look, let me know what other information you are interested in, and whether having a direct connection to others inter-regionally would be of value now.

This is likely to be a more robust area of national focus moving into next year, so it would be great to stay closely connected with your work!

FYI the slides toward the end of the presentation around metrics were draft/proposed at the time; measurement work in this area has not yet moved forward nationally.

* + ARNE: to create brief survey to connect w/ OB leads about what types of instruments are being used
    - Two key stakeholders:
      1. OB lead would answer (what screening in mental health realm), and
      2. the Ped (what are they doing up through early childhood)
* What is focus of measures we’re interested in?
  + Are we using phq9/EPDS, or more broadly (GAD7, adverse child experiences (ACE), or infant/child (e.g., ages & stages)...go broad?
* Other considerations:
  + Connect w/ IT at sites to see how to find what is being assessed
  + Change over time – what is used now? Or study starting in 2010, may want to get more info about what has been used over time (for any longitudinal studies)
    - Arne to include – what’s being used and for how long
* KPNC: all women screened 2x during pregnancy & 1 pp – describes design & implementation and outcomes of program (Lindsay’s paper – Arne to send around) Several studies looking at those data.
* Additional Agenda Item:

1. What’s gone on already using mom/baby linkage data
2. Medication Exposure in Pregnancy Risk Evaluation Program - FDA funded work, drug exposure and outcomes
   1. <https://blogs.fda.gov/fdavoice/index.php/tag/medication-exposure-in-pregnancy-risk-evaluation-program-meprep/>
   2. <https://www.ncbi.nlm.nih.gov/pubmed/22002179>
3. Arne will connect w/ Susan (at Fallon health) to see what latest is and what they’re linking, and what can we learn from what they’re doing to plan our data
4. Jean (Southern CA): CESR initiative: create perinatal dataset/program that would be pregnancy/perinatal data set. Right now just KP, one other non-KP group is joining calls
5. Carsie: joining these CESR calls, will update about mom/baby linkages

* Research Ideas:

1. Arne sent around Letourneau systematic review
2. Brainstorming around grant mechanisms, data infrastructure
3. Low hanging fruit: R34, create data infrastructure and do pilot work around developing an intervention
4. Logical places to go for funding: NIMH, NICD, NCCIH (complementary medicine, mindfulness, R34)
5. Need to write down research questions that we want to investigate and prioritize

* Are we interested in epidemiologic studies?
* What are advantages in our system to linking data to encounter data...where do we move field forward, how do we capitalize how what systems we have
* GROUP: please send any research questions!

1. Broad question (Sona): extent to which it makes sense to focus on questions that would allow us to build/refine collaborative infrastructure as a first step to doing an intervention w/ offspring outcomes, what are interim questions, or go straight to testing one of the interventions?

* PCORI – what questions would PCORI be interested in? What are different mechanisms?

1. Lauren Hill’s info on crowdsourcing for pregnant women
2. Jenn F. research questions

* Sleep disorders; sleep during perinatal period, how influence perinatal health including depression and obstetric outcomes
* Her questions of interest
  + 1) Are people interested? 2) How operationalize in EHR
  + Example prevalence of sleep disorders during perinatal time period – replication of analysis that she did in CA, sleep disorders under-diagnosed in pregnancy, used database of 2007-2012 of all neonates born in CA, over 3 million women...replicate
  + 2) when make a sleep disorder/disturbance, what kinds of treatments are the prescribing? E.g., CBTI first line recommendation, but not clear extent to which that is a recommendation providers are making (as opposed to Benadryl or Unisom)

Arne: link records to see if follow-up engagement with BH or other specialist...how many getting any treatment?

Jenn: when provider prescribes meds, we could see how many women fill those prescriptions

* + 3) Know suicide is leading cause of death among perinatal women, rates have remained stable in perinatal women...sleep disturbance may be a modifiable risk factor among perinatal women. Look at this longitudinally – women who have sleep problems during pregnancy, are they at increased risk for suicidal ideation? (item 9 on PHQ9 or item 10 on EPDS)
    - * 1. Ashley has also done work on sleep/suicide (not pregnancy) , but could be of interest and will share notes w/ her
* If not have diagnosed, query note to see if sleep discussed but not giving a diagnosis

1. Arne says Jenn B has done something similar, look at notes from charts to mine & review
2. What is prevalence of scripts for sleep disorders

* NEST STEPS:

1. Frame out drafted specific aims/funding mechanisms and identify others who might want to participate – send to group
2. Greg: if others have data on hand, maybe see what’s available. If proposing activity, can get those going. Do we have available data? If so, very easy. But need to work w/ someone to really know records who can say what’s there, what’s not, and what would be possible...
3. questions to share w/ the group as well
4. Website on Crowd sourcing that Lauren Hill sent around – can it be used for research?
5. NIH launches PregSource, a crowdsourcing project to better understand pregnancy
6. **Press Release:**[**https://www.nih.gov/news-events/news-releases/nih-launches-pregsource-crowdsourcing-project-better-understand-pregnancy**](https://www.nih.gov/news-events/news-releases/nih-launches-pregsource-crowdsourcing-project-better-understand-pregnancy)
7. Will depend on quality of information that women provide
8. Sona: there is a resource section on there, we could share resources or tools from our group...value to bring data to us or share with others

* Kara shared: AJPH c all for papers – let her know if interested! <http://ajph.aphapublications.org/pb-assets/downloads/CFP_Mental%20Health.pdf>