Network Update: Pragmatic Research Methods

Pragmatic research methods aim to decrease resources required and more tightly link study results with clinical practice. Pragmatic methods often involve gathering study data directly from clinical practice. At the University of Nebraska Medical Center, we developed the Clinical Research Analytics Environment (CRANE) to provide a structured, interoperable subset of the Nebraska Medicine electronic health record to support pragmatic research without ongoing burden to the clinical enterprise. CRANE is a critical resource for UNMC, Nebraska Medicine, and our affiliates in that it provides access to clean, well-described clinical data for everything from feasibility counts to clinical trials.

Well-described clinical data is necessary to working across health care settings. "Interoperability" requires data description using standards for data including formatting standards. Some of these standards, like ICD-10-CM codes, are included in clinical practice. Others, like Logical Observation Identifiers Names and Codes (LOINC) or Systematized Nomenclature of Medicine-Clinical Terms (SNOMED-CT), describe clinical practice, but are typically applied with clinical input, but within the EHR infrastructure rather than during clinical practice.

Primary care practices offer unique challenges for interoperability and sharing data. Differing practice patterns and electronic health systems data structures require careful consideration, but do not necessarily mean that pragmatic methods cannot be used. Including your EHR teams in the design phases may allow pragmatic approaches to data collection within your PBRN.

For more information, contact:

Carol Reynolds Geary, PhD, MBA, RN
carolr.geary@unmc.edu

https://gpctr.unmc.edu/cores/biomedical-informatics-cyberinfrastructure/crane/

Professional Development

The Great Plains Primary Care PBRN provides links to professional development opportunities, in the form of seminars and webinars, that enhance clinical expertise, reveal best care practices, promote clinical research, and deliver cutting-edge research findings. Continuing education credits are available for select in-person and distance participation. Additional professional development opportunities can be found on the PBRN education webpage here.

DSM-5-TR Updates: What Providers Need to Know

After nine years of using the Diagnostical and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5), changes are on the horizon for behavioral health practitioners with the release of the Diagnostical and Statistical Manual of Mental Disorders, Fifth Edition, Text Revision (DSM-5-TR). In March of 2022, the DSM-5-TR was released with a new disorder, changes, and clarifications for 70 disorders, and billing updates that include new ICD-10-CM codes. Important in this revision is how culture, racism, and discrimination are viewed from the diagnostic lens.

At the conclusion of this enduring material, the participants should be better able to:
- Discuss the changes made related to the DSM-5 and resources available to the newly released DSM-5-TR in practice.
- Describe the clarifications incorporated into the new DSM-5-TR diagnostic criteria including the updated coding procedures.
- Identify how to incorporate the new criteria of the DSM-5-TR based on 'real world' cases.

The University of Nebraska Medical Center designates this enduring material for a maximum of 4.0 *AMA PRA Category 1 Credits™ and 4.0 ANCC contact hours.*

https://www.unmc.edu/bhecn//education/online-training/dsm5-tr-update-webinar-2022.html

Research

Learn about upcoming, ongoing, and completed research impacting the region. Please share these opportunities and findings with your patients and healthcare community. A complete list of ongoing research can be found on the PBRN Research webpage <u>here</u>.
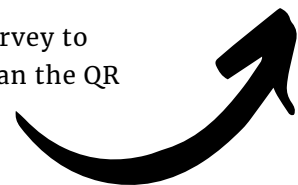

Marcy Vandament, PhD

Neuropsychologist Seeks Feedback on Fetal Alcohol Syndrome Resources

Marcy Vandament, PhD, a Pediatric Neuropsychologist in UNMC's Department of Neurological Sciences, is interested in understanding the prevalence rates of Fetal Alcohol Syndrome (FAS) in Nebraska, what interventions and evaluations are available, and what gaps exist to guide future research.

PBRN members are asked to complete a brief survey to assess knowledge, comfort, and gaps in FAS. Scan the QR code to access the survey.

Funding Opportunity for PBRN Members

The Community Engagement and Outreach (CEO) Core of the Great Plains IDeA-CTR Network is pleased to announce an opportunity for Community-Engaged Research funding through an NIH/NIGMS grant. Earliest starting date will be July 1st, 2023.

- **Community-Engaged Research Pilot Project Award**: A total of $25,000 is available for one or two awards.
- **Community-Engaged Capacity Development Award**: A total of $15,000 is available for small awards averaging approximately $5,000.

For more information, contact Emily Frankel at emily.frankel@unmc.edu or 402-836-9283.

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To learn more about the Great Plains Primary Care PBRN, visit:

https://gpctr.unmc.edu/ctr-resources/pbrn/

The content of this newsletter is solely the responsibility of the Great Plains IDeA-Clinical & Translational Research and does not necessarily represent the official views of UNMC.

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