

NARCH and Prevention Research Center Program Updates

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Game Plan

- Provide a short update on the history of our NW NARCH (Native American Research Centers for Health)
- Relate summary information from various projects, past and present
- Provide update on the Prevention Research Center (PRC), a collaboration among the Board, several member tribes, and OHSU

Short NARCH History

- Relatively new federal program that required collaborations among tribes and academic programs
- Initial planning for the NIH and Indian HS-funded program began 16 years ago
- The Board was awarded funding in the first round, and has received funding for every round for which we have applied (\$15 million)

NARCH First Round

- Toddler obesity and tooth decay prevention
- Child safety seat use
- Scholarship program
- Use of internet for diabetes self management
- Other components of that application were not funded (7 submitted)

Subsequent Components of NARCH

- NARCH 3 Scholarship program
- NARCH 4 Summer Research Training Institute
- NARCH 5 Monitoring Abuse of Drugs
- NARCH 5 Supplement: HIV prevention
- NARCH 6, 7 Continued scholarships and Summer Institute

- NARCH 8 Dental follow up study of 'tweens'
- NARCH 9 includes: Improving asthma management in tribal children, and Cancer Prevention and Control fellowship program for tribal trainees
- NARCH 10 includes: Graduate fellowship program for tribal students in biomedical or social science research (Summer Institute was not renewed)



2018 Accomplishments

- Continued support of prior fellows—many new graduates
- Identified several new fellows
- Added Board-based scholars
- Hosted summer institute with 84 participants
- Implemented NARCH 9 and 10 grants
- Hired Asthma Project Director (Celeste) and Coordinator (Mattie)

Coming up in 2019

- Continue fellow/scholar support (Grazia Cunningham)
- Conduct follow up of summer institute trainees and graduate trainees (Grazia Cunningham)
- Continue asthma (Mattie Tomeo-Palmanteer and Celeste Davis) and Cancer (Ashley Thomas) projects
- Prepare new NARCH grant for round 11 when funding announcement comes out
- Attend and present at conferences on Indian health and on public health



NARCH Team



Current NARCH staff and valued helpers

- Mattie Tomeo-Palmanteer
- Celeste Davis
- Ashley Thomas
- Grazia Ori Cunningham
- Tam Lutz
- Nicole Smith
- Candice Jimenez
- Kerri Lopez



- Jacqueline Left Hand Bull
- Victoria Warren-Mears
- Eugene Mostofi
- Tara Fox
- Tom Weiser
- Teshia Solomon
- Linda Burhansstipanov
- Nancy Scott
- Board of advisors

Prevention Research Center (PRC)

- Funding from CDC to OHSU, to partner with the Board and member tribes in health projects
- Main topics: preservation of sight and hearing via community-based research projects, avoidance of risky decisions by tribal youth
- Additional activities: regular seminar series on Indian health, classes in epidemiology of health conditions in tribal people, assisting with Board projects, provided funding for expansion of HPV vaccine

Future of the PRC

- In our last year of funding in current cycle
- We were not eligible to apply for renewal
- We will seek the Delegates' support for exploring additional funding sources (like NIH)
- We have a viable research idea that has met with enthusiastic response from local tribal people –related to fall prevention in older American Indians



Key Participants in PRC

- Caitlin Donald
- Michelle Singer
- Bill Lambert
- Brittany Morgan
- Jodi Lapidus
- Stephanie Craig-Rushing
- Jackie Shannon
- Raina Croff

- Thanks much...please contact me if questions at tbecker@npaihb.org
- Mattie Tomeo-Palmanteer will update you on the Asthma (NARCH 9) Project and seek volunteer tribal sites
- Graham Harker is also here to answer questions about falls and new balance-related technology

"Enhancing Control of Childhood Asthma in AI/AN Communities"

- The Asthma project is funded by the U.S. Department of Health and Human Services, National Institutes of Health and is sponsored by the Northwest Portland Area Indian Health Board in partnership with the Indian Health Service. <https://www.youtube.com/watch?v=PzflDi-sl3w>



Purpose

- We want to learn how to help AI/AN children and their caregivers be successful in managing asthma triggers, medications, and decreasing hospitalization visits



Project Aims

- Provide clinic-based education by pharmacy emphasizing self-management and coordinated with home environment management
- Provide training materials and recommended practices for dissemination and implementation of childhood asthma control programs in additional Pacific NW Tribes and/or Urban Indian Health Clinics
- Support Tribal and Urban Indian Health Clinic's ability to sustain their pediatric asthma control program through organizational and institutional resources

Benefits

- Benefits: the goal of this research is to improve asthma management for AI/AN children and their quality of life
- Tribes and participants will help create better asthma education for AI/AN children
- Participants and their parent and/or caregiver will receive asthma education
- Patients and their parent and/or caregiver will receive in-home visits in order to conduct an environmental health assessment
- Participants will receive vacuum cleaners with High Efficiency Particulate Air (HEPA) filters, mattress & pillow covers, and green cleaning supplies



Risks

- Risks are minimal. However, we will be collecting personal information and asthma related data from children and adolescent participants IHS electronic health record
- Participants who choose to enroll will be assigned with a random participant identification number to de-identify data obtained from three questionnaires

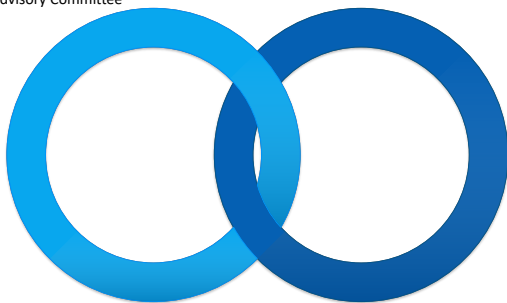


Progress

- December 17, 2019 The Portland Area Institutional Review Board granted approval
- The Yakama Indian Health Service Clinic is enrolling patients to participate in the project.
- Supplies to complete environmental home visits are now in the process of being ordered after receiving recommendations from the Indian Health Service, Environmental Protection Agency and Housing and Urban Development
- We are seeking additional volunteer NW tribes and/or Urban Indian Health Centers that serve AI/AN to join our research project expansion efforts.

Please contact Mattie if you are interested in obtaining more information in person during QBM or via email asthma@npaihb.org

We are thankful for our project collaborators including Lieutenant Commanders Ryan Pett and Shawn Blackshear, Yakama Service Unit CEO Jay Sampson, Yakama Service Unit Providers, Yakama Nation HEW Committee, and the Community Advisory Committee



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Additional Resources

- <https://www.healthandenvironment.org/our-work/publications/a-story-of-health>
- <https://www.thecommunityguide.org/topic/asthma>
- <https://www.lung.org/lung-health-and-diseases/lung-disease-lookup/asthma/living-with-asthma/creating-asthma-friendly-environments/asthma-at-home.html>

Questions?