

“Rethinking the Pipeline to Rural Practice”

The RTT Collaborative Annual Meeting

A hybrid meeting in Tyler and Pittsburg, Texas, and online

Wednesday through Friday, April 7-9, 2021

Research Workshop Breakout Session

Wednesday, April 7, 2021 at 12:55PM

“Innovative Longitudinal Research/EBM Curricular Thread Focused on Vulnerable Populations”

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Sam Houston State University College of Osteopathic Medicine, Conroe, TX

Objective #1	Discuss the process of implementing a research thread in a 4-year medical curriculum.
Objective #2	Describe the value of integrating research and EBM in a medical curriculum with an emphasis on social determinants of health in vulnerable populations.
Objective #3	Create the outline of an EBM/research curricular thread for personal use.

Abstract:

Standard models of medical curriculum are designed to be either healthcare- or patient-centric, which fail to include social determinants of health as a focus of training. The incorporation of research into medical curriculums has resulted in understanding the importance of literature in the clinical decision-making process. Thus, we proposed an innovative research and evidenced-based medicine (EBM) infrastructure for osteopathic medical students. This project describes the implementation of an integrated EBM/research thread in a 4-year medical curriculum and its value in training medical students in caring for vulnerable patient populations, specifically rural and underserved communities. The objective of our project is to implement and then assess a vertically integrated thread of student-driven research and scholarship focused on these communities. Student research activities requiring identification of health care gaps in the rural and/or underserved populations of east Texas has inspired novel research ideas to be explored.

Step 1	Problem Identification and General Needs Assessment
Step 2	Targeted Needs Assessment
Step 3	Goals and Objectives
Step 4	Educational Strategies
Step 5	Implementation
Step 6	Evaluation and Feedback

Modified from Thomas, P. A., Kern, D. E., Hughes, M. T., & Chen, B. Y. (2016). *Curriculum development for medical education a six-step approach*. Baltimore: Johns Hopkins University Press. ISBN-13: 978-1421418520

Resources:

Schneiderhan J, Guetterman TC, and Dobson ML. “Curriculum development: a how to primer.” *Family Medicine and Community Health* 2019;**7**:e000046. doi: 10.1136/fmch-2018-000046

Thomas, P. A., Kern, D. E., Hughes, M. T., & Chen, B. Y. (2016). *Curriculum development for medical education a six-step approach*. Baltimore: Johns Hopkins University Press. ISBN-13: 978-1421418520

<https://www.sfsu.edu/~teachers/download/Inquiryframework.pdf>