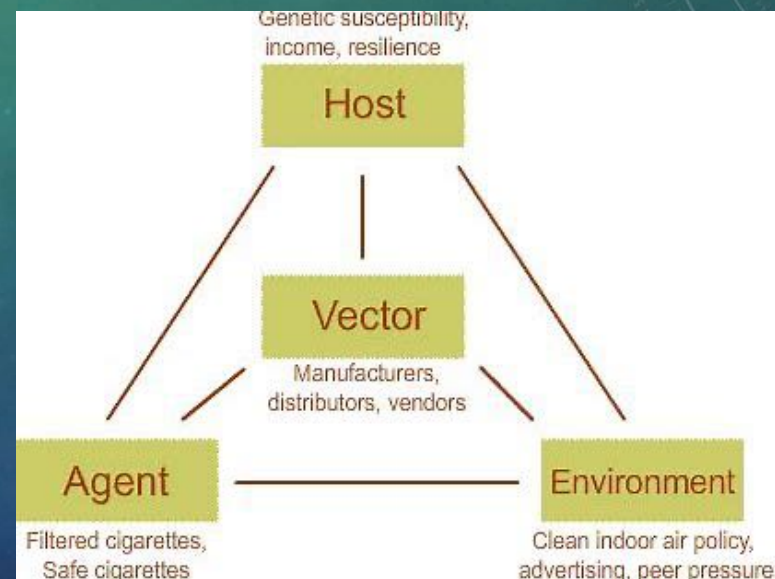# MENTORING DNP STUDENTS TO CREATE FINAL PROJECTS TO IMPROVE POPULATION OUTCOMES

PRESENTED BY:

CAROL M. PATTON, DR. PH, FNP-BC, CRNP, CNE, HEALTHCARE INFORMATICS CERTIFICATE, PARISH NURSE

OVERARCHING PURPOSE & GOAL

- The purpose and goal of this presentation is to describe the role of the DNP faculty as a mentor to help DNP students create final projects that improve population outcomes and provide strategies to help the DNP student with a DNP project that improves the healthcare of a selected population.

OBJECTIVES

- By the end of this presentation the participant will be able to:

    1. Describe two (2) strategies for the DNP student to examine population-health data and apply that data to inform a DNP final project addressing a population-health issue/gap,

    2. Apply epidemiological and biostatistical concepts in gathering data on incidence, prevalence, severity, trends, or other health outcomes to inform the DNP final project, and,

    3. Describe two (2) sources of accurate population health outcomes and/or health factors related to vulnerable populations.

FOCUS AND OVERVIEW

- One of the greatest challenges for many Doctor of Nursing Practice (DNP) students is choosing a population for their DNP final project.

- Part of the DNP final project is designing and implementing a DNP project that is meaningful and relevant to contemporary healthcare systems and society. For example, a DNP final project might be designed to evaluate outcomes of practice, practice patterns, and/or systems of care within a practice setting, health care organization, or community against national benchmarks to determine variances in practice outcomes and population trends.

PURPOSES OF THIS PRESENTATION

1) Describe the role of the DNP faculty as a mentor to help DNP students create final projects that improve population outcomes;

2) Describe strategies for the DNP student to examine population-health data and apply that data to inform a DNP final project addressing a population-health issue/gap;
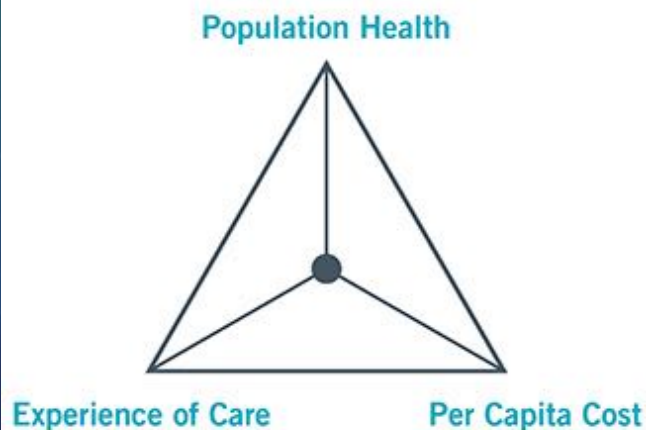
3) Apply epidemiological and biostatistical concepts in gathering data on incidence, prevalence, severity, trends, or other health outcomes to inform the DNP final project;

4) Describe sources of accurate population health outcomes and/or health factors related to vulnerable populations; and,

5) Provide an exemplar of a population-focused DNP final project.

TWO (2) STRATEGIES FOR THE DNP STUDENT TO EXAMINE POPULATION-HEALTH DATA AND APPLY THAT DATA TO INFORM A DNP FINAL PROJECT ADDRESSING A POPULATION-HEALTH ISSUE/GAP

http://www.ihi.org/engage/initiatives/TripleAim/Pages/default.aspx

**Healthy People 2020
State and Territorial Healthy People Plans
https://www.healthypeople.gov/2020/healthy-people-in-action/State-and-Territorial-Healthy-People-Plans**

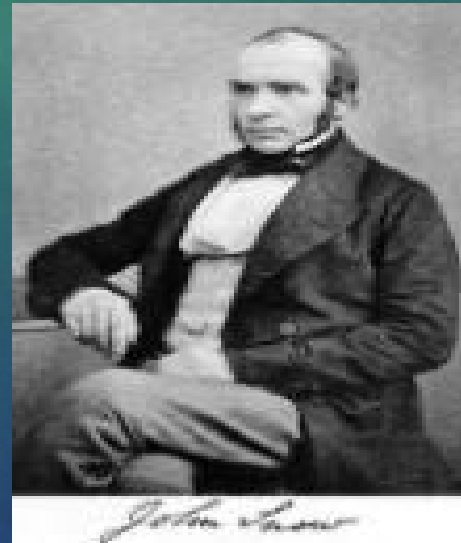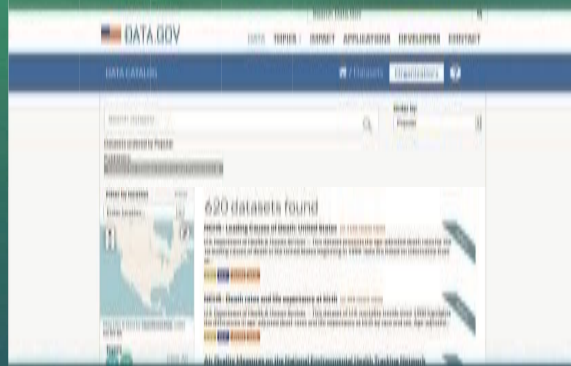EPIDEMIOLOGICAL AND BIOSTATISTICAL CONCEPTS AND GATHERING DATA ON INCIDENCE, PREVALENCE, SEVERITY, TRENDS, OR OTHER HEALTH OUTCOMES TO INFORM THE DNP FINAL PROJECT

- *Epidemiology* is the study of the distribution and determinants of health-related states or events in specified populations and application of this study to control health problems (Gordis, 2014, p. 2)
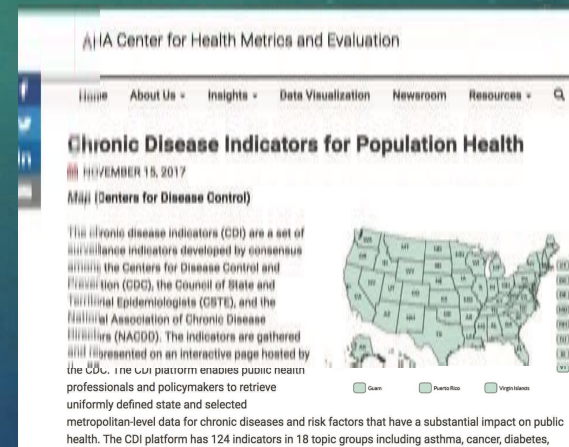
TWO (2) SOURCES OF ACCURATE POPULATION HEALTH OUTCOMES AND/OR HEALTH FACTORS RELATED TO VULNERABLE POPULATIONS

https://catalog.data.gov/dataset?publisher=Centers+for+Disease+Control+and+Prevention

https://healthmetrics.heart.org/chronic-disease-indicators-for-population-health/

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