

NUHS Student Curriculum

Learning Goals and Objectives

I. Over the course of the EBP series, students will accomplish a number of objectives standardized in evidence-based practice curricula. EBP program goals and corresponding objectives are listed here.

Goal 1: Develop a firm understanding of, skills for and use of Evidence Based Practice (EBP) through increased exposure to research literature related to the research process and to the evaluation and use of clinical and basic science research literature.

Objective 1.1: Develop an understanding of the basic tenants of EBP, including its strengths, clinical application and limitations.

Objective 1.2: Identify the research question or hypothesis from research literature.

Objective 1.3: Demonstrate the progressive ability to develop an appropriate clinical question from patient encounters and provided patient scenarios for searching the research literature.

Objective 1.4: Develop the medical informatics skills to effectively and efficiently seek the best available evidence from the research literature.

Objective 1.5: Develop and demonstrate the skills necessary to access the appropriate and relevant clinical evidence.

Objective 1.6: Perform a critical assessment of clinical information to determine what evidence is the best evidence available and if any source has sufficient evidence to answer the clinical question.

Objective 1.7: Evaluate the clinical application of scientific research literature information to determine how it will affect a patient outcome and whether the evidence is sufficient to change a practitioner's clinical practice.

Goal 2: Develop effective oral, electronic and written communication skills for peers, professionals and patients.

Objective 2.1: Demonstrate the ability to utilize electronic and internet databases and platforms to find relevant information, post comments and discussion threads as well as share relevant professional information in a timely, effective manner.

Objective 2.2: Write effective reviews and summaries of current medical information and research literature (e.g., Best Evidence Topic [BET], Clinically Appraised Topic [CAT], Patient Oriented Evidence that Matters [POEM], Journal Clubs, case reports and case studies).

Objective 2.3: Present a critical appraisal of a clinical or basic science topic to an audience of peers, colleagues and professionals.

Objective 2.4: Evaluate and summarize medical, clinical and scientific literature effectively for a patient or non-medical audience.

Goal 3: Develop clinical reasoning, critical thinking, creativity, resourcefulness and coping skills using an evidence based practice approach to personal development and continuing education.

Objective 3.1: Show progressive improvement regarding recognizing and defining a clinical problem and knowledge gap, finding, analyzing and interpreting medical information and dealing with its limitations.

Objective 3.2: Demonstrate an increased willingness to apply EBP to answer a clinical question and fill a knowledge gap.

Objective 3.3: Demonstrate increased ability to apply the techniques, skills and behaviors, including questioning, researching, analyzing and communicating clinically relevant information.

Objective 3.4: Develop a strategy for continuing education and the appropriate use of EBP.