

# **An Instrument for Measuring Attitudes toward Interprofessional Collaboration: A Pilot Study**

**Julia Ward, PhD, RN**  
Associate Professor

Thomas Jefferson University, Jefferson School of Nursing

**Mohammadreza Hojat, Ph.D.**

Research Professor of Psychiatry and Human Behavior  
Director of Jefferson Longitudinal Study  
Center for Research in Medical Education and Health Care  
Jefferson Medical College

# Learner Objectives

- The learner will describe the rationale for the development of a scale that measures attitudes towards interprofessional collaboration
- The learner will identify the step-by-step procedure for instrument development

# Purpose

**The main purpose of this study was to develop an instrument for measuring attitudes toward interprofessional collaboration for administration to practicing health professionals, as well as to students enrolled in schools of health professions**



# Background

- Collaboration is a key element in today's healthcare environment and its practice is essential for positive patient outcomes
- There is a consensus that interprofessional collaboration, including coordinated activities among health professionals can lead to optimal patient outcomes
- It is particularly important in collaborative relationships among health professionals who care for patients in a variety of settings



<https://www.google.com/search?hl=e>

# Description of the Pilot Study:

## Step 1A

- Based on an extensive literature review, a preliminary version of the instrument was developed (27 items)
- Search Terms: “interprofessional,” “interdisciplinary,” “health professions,” “collaboration,” “teamwork”

# Description of the Pilot Study: Step 1B

- Preliminary study of face validity with 12 health professionals from JCIPE
- Delphi Method



# Description of the Pilot Study: Step 2

- 124 respondents (from a variety of health professions) to judge the relevance, clarity, and representativeness of each item to the concept of interprofessional collaboration among health professionals
- Content Validity Index - .77

# Preliminary Results

- **Twenty-six items were judged relevant and with some modifications suggested by the respondents were retained for the final version of the scale**



# Relevance to Interprofessional Education and Practice

- The importance of interprofessional collaboration and the development of a psychometrically sound instrument to measure this concept is timely, important, and applicable to today's healthcare initiatives involving education as well as practice



# Recommendations for Future Investigation

- Encouraged by these preliminary findings, we have undertaken a large scale multi-institutions study to examine the instrument's psychometric properties including its underlying constructs, reliability, and validity



# Thank you!

## Questions?