Student Perceptions of Interprofessional Teamwork
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Measuring perceptions toward interprofessional teamwork is one method of evaluating the overall success of the Quality Enhancement Plan (QEP) at Texas Tech University Health Sciences Center (TTUHSC). For the past four years, the Office of Institutional Planning and Assessment (OIPA) has been collecting information related to student, faculty, and alumni perceptions toward interprofessional teamwork and/or education. We are scheduled to collect such data through Spring 2014.

- Over the past four years, the overall mean ITPS score for Post-Year 1 and graduating students has increased from 171 to 176 of 240.
- From Spring 2010 to Spring 2013, the overall mean ITPS score for graduating students has increased from 171 to 179.
- The overall mean IEPS score in Spring 2013 was 62 of 72, which is equal to the previous year for Post-Year 1 and graduating students.
- In Spring 2013, graduating students had higher perceptions of interprofessional teamwork compared to Post-Year 1 students, as measured by the ITPS and IEPS.
- Students completing their first year of coursework in Spring 2013 had slightly higher perceptions of interprofessional teamwork and/or education compared to a sample of entering students in Fall 2012, as measured by the IEPS.
- All bivariate correlations between ITPS and IEPS scores in the current study are below .3. These are insufficient correlations to establish the construct validity of the ITPS.

Overview

The Interprofessional Teamwork Perceptions Scale (ITPS) measures individual perceptions of interprofessional teamwork in the healthcare industry. It contains 24 statements along four dimensions: (1) knowledge, (2) skills, (3) behaviors, and (4) attitudes.

Each construct consists of six statements to which respondents indicate their level of agreement on a 10-point scale. An overall ITPS score of 240 represents the highest level of agreement with concepts related to interprofessional teamwork.

The revised Interdisciplinary Education Perception Scale (IEPS) includes 12 statements organized into three sub-scales according to the following constructs: (1) Competency and Autonomy, (2) Perceived Need for Cooperation, and (3) Perception of Actual Cooperation.

Respondents are asked to indicate their level of agreement with each statement on a 6-point scale. An overall IEPS score of 72 represents the highest level of agreement with concepts related to interprofessional education and teamwork.

Both the ITPS and IEPS were administered concurrently in Spring 2013 to study the construct validity of the ITPS.


Administration Schedule for ITPS/IEPS

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<th>AY</th>
<th>Students</th>
<th>Faculty</th>
<th>Alumni</th>
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<td>Entering</td>
<td>Post-Year 1</td>
<td>Grad.</td>
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<td>ITPS</td>
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Methods

Targeted participants in Spring 2013 included a random sample of students completing their first year of coursework at TTUHSC and students planning to graduate in May or August 2013. Of the total student population, approximately one-third was targeted for participation (N=1,429).

Data collection lasted two weeks (April 16-29, 2013). When data collection ended, more than four hundred students had completed the survey (n=452). This resulted in a response rate of 29%. Respondents represented all TTUHSC schools.

For a copy of the full report, go to http://www.ttuhsc.edu/oipa/surveys.aspx.

Next Steps

ITPS and IEPS results are currently being analyzed for students who entered TTUHSC in Fall 2013.