An Interprofessional Education Summit: Differences in Perceptions Between Medicine and Pharmacy Students
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INTRODUCTION

• The Northeastern/central Pennsylvania Interprofessional Education Coalition (NECPA IPEC), organized in 2008, provides vision and leadership to foster and support interprofessional education in health care.
• The NECPA IPEC is comprised of a group of health care educators from 11 different institutions of higher education in the Northeast and North central PA region. In addition, we are partnered with the NEPA Area Health Education Center (AHEC).
• A centerpiece of the activities of the NECPA IPEC is the annual Collaborative Care Summit. The Summit is designed to promote interprofessional interactions between the many health profession students in our region.
• In 2012, 556 students and 122 facilitators participated at seven sites.
• The purpose of this analysis is to compare perceptions between pharmacy and medical students.

SUMMIT OBJECTIVES

• To discuss the importance of working in cooperation with health care providers and others who contribute to or support the delivery of health services.
• To compare and contrast the roles and responsibilities of other health care providers and how interprofessional teams work together to provide safe and effective patient care.
• To reflect upon individual interpersonal communication skills, such as active listening, encouraging ideas and opinions of team members, and respect for others.
• To describe the roles and responsibilities of effective interprofessional teams.
• To recognize the importance of patient centered care.

SUMMIT OVERVIEW AND EVALUATION

• The content of this program is published on AAMC’s MedEdPORTAL.
• Three hour program. 2012 Summit held on March 28.
  Program Outline
  ✓ Large Group Presentation (60 min)
    o Keynote: Overview of IPE, NECPA IPEC
    o Student Videos on the professions
    o Introductory/Trigger Case Video (ischemic stroke)
  ✓ Small Group Discussion on Case
    o 10-12 students, 2 facilitators
  ✓ Wrap-up (20 minutes)
• An online, post-summit survey was sent to all participants. The survey consisted of Likert-based and open answered questions.

STATISTICAL ANALYSIS

• An independent t-test was used to evaluate potential differences in responses.
• A p-value <0.05 was considered statistically significant.
• All other data was analyzed with descriptive statistics.
• Students responses to 3 reaction questions were coded and frequency counts obtained

RESULTS

• 556 students and 122 facilitators participated in the summit, representing 17 unique professions.
• Overall 54% of the students responded to the survey compared to 48% (n=30) of medical and 75% (n=50) of pharmacy students.

<table>
<thead>
<tr>
<th>Mean Responses to Survey Question</th>
<th>1=Strongly Disagree to 5= Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Medicine (n=30)</td>
</tr>
<tr>
<td>Organization and Logistics</td>
<td>4.27</td>
</tr>
<tr>
<td>The summit was well organized</td>
<td>4.07</td>
</tr>
<tr>
<td>The opening session increased my knowledge of IPE</td>
<td>4.17</td>
</tr>
<tr>
<td>The case-discussion approach was an effective way to teach interprofessional concepts</td>
<td>4.10</td>
</tr>
<tr>
<td>The facilitators in my small group were effective</td>
<td>1.10</td>
</tr>
</tbody>
</table>

SUMMIT OBJECTIVES

After attending the summit I am able to discuss the importance of working in cooperation with healthcare providers and others who contribute to or support the delivery of health services.

After attending the summit, I am able to compare and contrast the roles and responsibilities of other health care providers and describe how interprofessional teams work together to provide safe and effective patient care.

After attending the summit, I am able to reflect upon individual interpersonal communication skills, such as, active listening, encouraging ideas and opinions of team members, and respect for others.

After attending the summit, I am able to describe the roles and responsibilities of effective interprofessional teams.

After attending the summit, I am able to recognize the importance of patient centered care.

Overall, this program was effective.

<table>
<thead>
<tr>
<th>Mean</th>
<th>Medicine (n=30)</th>
<th>Pharmacy (n=50)</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.97</td>
<td>4.32</td>
<td>0.019</td>
<td></td>
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</table>

CONCLUSION

• Both pharmacy and medical students perceived the summit as well organized and delivered and there was no difference between groups.
• Pharmacy students were more likely to agree that summit objectives were met and were more likely to agree that the program was effective.

REFERENCES