Interprofessional Education Activity Between Two Distant Sites
Kristin Montarella, PharmD, BCPS, Southwestern Oklahoma State University College of Pharmacy, Weatherford, Oklahoma
Sarah Hall, D.O., Oklahoma State University College of Medicine, Tulsa, Oklahoma

Activity Overview
- Pilot project between:
  - Oklahoma State University College of Osteopathic Medicine (Tulsa, OK)
  - SWOSU College of Pharmacy (Weatherford, OK)
- Utilized P2 and M2 students for a series of activities throughout the semester

Activity Objectives
- Effective team communication
- Identification/understanding of roles and responsibilities
- Teamwork to design treatment and promote medication adherence

Participants and Groups

<table>
<thead>
<tr>
<th>Participants</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total pharmacy students</td>
<td>78</td>
</tr>
<tr>
<td>(1st semester P2, 2nd semester P2)</td>
<td>41, 37</td>
</tr>
<tr>
<td>Medical students (M2)</td>
<td>109</td>
</tr>
<tr>
<td>Number of groups for activity 1 and 2</td>
<td>32</td>
</tr>
<tr>
<td>Number of groups for activity 3</td>
<td>16</td>
</tr>
</tbody>
</table>

Logistical Challenges
- Distance between campuses: approximately 176 miles
- Admission cycles:
  - OSU – 1 fall admission class per year
  - SWOSU – 1 fall and 1 spring admission class per year
- Scheduling:
  - Limited common free times
  - Assurance of space availability based on number of groups
- Technology:
  - No common learning management system or other shared program
  - Need for simple system familiar to students not used to the use of distance technology, especially activities 1 and 2

Group Design
Activity 1 and 2
- 3-4 medical students
- 1-2 2nd semester pharmacy students
- 1-2 first semester pharmacy students
- Students scheduled activities within assigned group to be completed by an assigned due date

Activity 3
- 6-8 medical students
- 2-3 second semester pharmacy students
- 1 pharmacy faculty facilitator
- 1 medical school faculty facilitator
- Conducted as two separate 2 hour long discussion sessions

Activity 1: Medication Adherence in Asthma

- Pre-Reading: Chapter 7: Asthma from WHO Adherence to Long Term Therapies (2003)
- Skype Session: Group discussion with guided questions provided
- Post Activity Assessment: Written individual student reflective assignment

Activity 2: Asthma Action Plan

- Pre-Reading: Asthma pathophysiology and treatment review Asthma case vignette
- Skype Session: Case discussion with guided questions provided
- Post Activity Assessment:
  1. Group asthma action plan
  2. Group answers to selected guided questions

Activity 3: Faculty Facilitated Group Discussions (via Skype)

- COPD Exacerbations
- NSAID-Induced Gastritis
- Vancomycin-induced Acute Kidney Injury
- Diabetes Mellitus

Future Directions
- Next activity scheduled for November 2015
- Activities 1 and 2 will be combined into one scheduled activities without direct faculty oversight
- Possible incorporation other disciplines into activity to increase interprofessional exposure for students involved (not for fall 2015)
- Increasing faculty buy-in to importance of interprofessional education will be essential

Lessons Learned
- Student Comments
  - Difficulty in scheduling Skype sessions due to schedule conflicts
  - Overlapped with other coursework being at the very end of the semester
  - Cases at the end were more difficult than anticipated

- Faculty Comments
  - Some technical difficulties encountered in final activity
  - Variation in facilitation between groups in final activity (despite a facilitator’s guide for cases)

Author Contact Information:
Sarah Hall – sarah.e.martin@okstate.edu
Kristin Montarella – kristin.montarella@swosu.edu

Author Disclosure
The authors of this presentation have nothing to disclose concerning possible financial or personal relationships with commercial entities that may have a direct or indirect interest in the subject matter of this presentation.