

A Train the Trainer Approach to IPE Faculty Development in Appalachia

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SPEAKERS



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INTRODUCTION

The “InterProfessional Education (IPE) in Appalachia Faculty Workshop” was presented on April 30th at West Virginia University (WVU), partially funded by the Josiah Macy, Jr. Foundation (\$10,000) with matching funds obtained from the WV Rural Health Institute and the Wes and Natalie Bush IPE foundation endowment. Faculty from a tri-state area attended this workshop to develop interprofessional education curricular activities using a train-the-trainer approach with active participation. The workshop’s hands-on format was very much appreciated by the participants and provided an opportunity for our “early-adopter” faculty to be workshop leaders (as train-the trainers) and showcase what they had been developing for IPE. The three speakers, Dr. Barbara Brandt (NEXUS), Dr. Christine Arenson (MD - Thomas Jefferson University), and Martha Conrad (RN – University of Akron) provided national and regional perspectives on what is working in IPE education. Dr. Arenson and Ms. Conrad’s participation in workshops enhanced networking for the future and assisted medical school faculty to incorporate IPE competencies and IPE simulation.



IPE Session

IPE Simulation



METHODS AND MATERIALS

Twenty-three (23) WVU faculty conducted workshops in eight (8) areas to showcase current work on IPE and 6 administrators provided a panel discussion on IPE to showcase current initiatives. The workshop was video-streamed, including presentations by 3 IPE national leaders

RESULTS

All objectives were met. Pre-workshop assessment of confidence in meeting objectives ranged from 2.53 to 2.94 (on a scale of 1-5 with 1 being not confident and 5 being very confident). Post-workshop assessment ranged from 4.22 to 4.43, with an increase in confidence of 1.54 (goal for significant change is .75). All speakers were rated highly.



RESULTS/FINDINGS: All objectives were met. Pre-conference assessment ranged from 2.53 to 2.94 (on a scale of 1-5 with 1 being not confident and 5 being very confident). Post conference assessment ranged from 4.22 to 4.43, with an increase in confidence of 1.54 (goal for significant change is .75). All speakers were rated highly. The average scores for conference outcomes on a scale of 1 to 5 were:

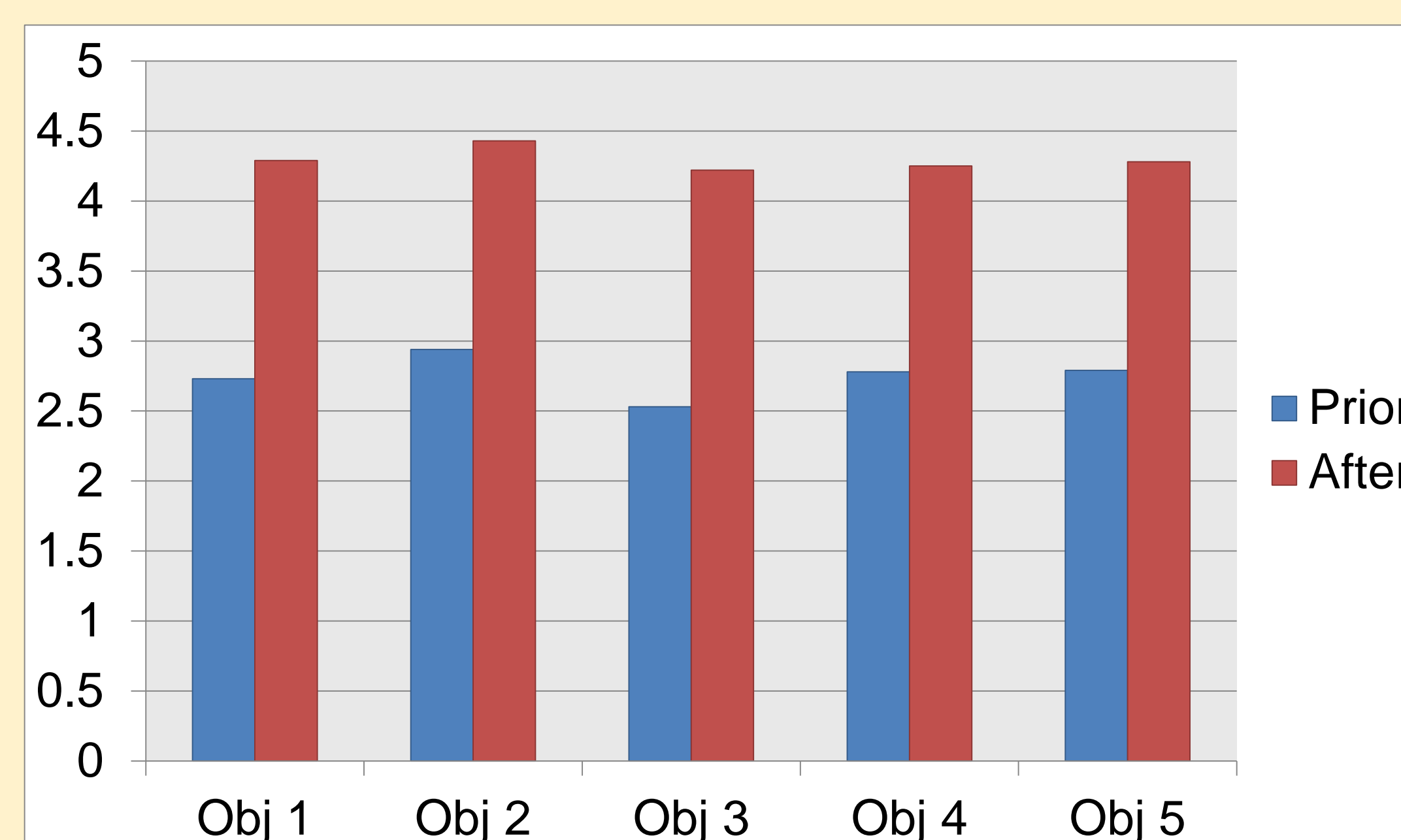
CONTENT: (4.65) USEFUL
(4.35) NEW KNOWLEDGE

AUDIO/VISUAL AIDS: (4.41) HIGHLY USEFUL
PRINTED MATERIALS: (4.35) HIGHLY USEFUL
LEARNING ENVIRONMENT: (4.45) CONDUCIVE
HOSPITALITY: (4.86) EXCELLENT
GENERAL OVERALL RATING: (4.57)

DISCUSSION

A wide range of planned activities after the workshop were listed by participants [selected examples]: incorporate healthcare students into IPE with Service Learning activities- perhaps into a health mentor program like that at Jefferson; build IPE programming into curricular elements; collaborate with nurse practitioners at my clinic to develop IPE activities between our students; include other disciplines and [their] existing projects in the hospital setting; incorporate IPE into our Public Health Department; apply student-based IPE strategies to educating existing caregivers and new employees; develop new simulation activities; explore use of “My First Patient” concept for other professions; discuss importance of communication between professions with students; focus on teaching NP students how to interact more directly with MD/PharmD students in clinics; encouraged to partner more; initiate [IPE] with community hospitals.

Chart 1. Means for Objectives Prior to workshop and after workshop.



Workshop objectives were to:

1. Identify methods being used for InterProfessional Education presented by national experts
2. List different approaches to InterProfessional Education
3. Discuss the Core Competencies for IPE
4. Describe methods to enhance IPE
5. Plan teaching activities for IPE to use with students

The evaluation identified a wide range of activities listed by workshop participants as planned “practice changes” and new knowledge was gained as seen in Chart 1

CONCLUSIONS

Teamwork
student
session



Results are extending beyond the conference into classrooms, clinical settings, and community practice. The video of the workshop can be viewed at [http://home.hsc.wvu.edu/interprofessional-education/news/2014/may/video-interprofessional-education-\(ipe\)-in-appalachia-a-faculty-workshop](http://home.hsc.wvu.edu/interprofessional-education/news/2014/may/video-interprofessional-education-(ipe)-in-appalachia-a-faculty-workshop)