



Student Reported Institutional Practice (IP) Activities During a Blended Acute Care/Institutional (AC/INST) APPE



Scott A. Chapman, Pharm.D., Zachary Rivers, Pharm.D., Christine Jolowsky, B.S, M.S, FASHP, Lauren Dubosh, Pharm.D., Laura Vollmer, Pharm.D.
University of Minnesota College of Pharmacy

Background

- Students are required to have a minimum of 160 hours of advanced pharmacy practice experience (APPE) in each of four required practice areas, including hospital/health system pharmacy and inpatient general medicine patient care (ACPE Standards 2016).
- Offering two separate experiences for hospital/health system and inpatient general medicine patient care requires two placements per student, increasing the administrative and organizational effort on experiential education programs and APPE sites.
- The University of Minnesota College of Pharmacy redesigned the hospital based APPE rotations to incorporate hospital/health system pharmacy and inpatient general medicine into one rotation with learning objectives and assessments for both acute patient care and institutional practice activities.

Objectives

- Determine the types and frequency of IP activities and experiences our students are being exposed to during their 12 week blended AC/INST APPE.
- Determine the amount of time students are involved in IP activities within the 12 week AC/INST APPE.
- Assess preceptor evaluations of student performance on IP activities to assure students are meeting learning expectations.

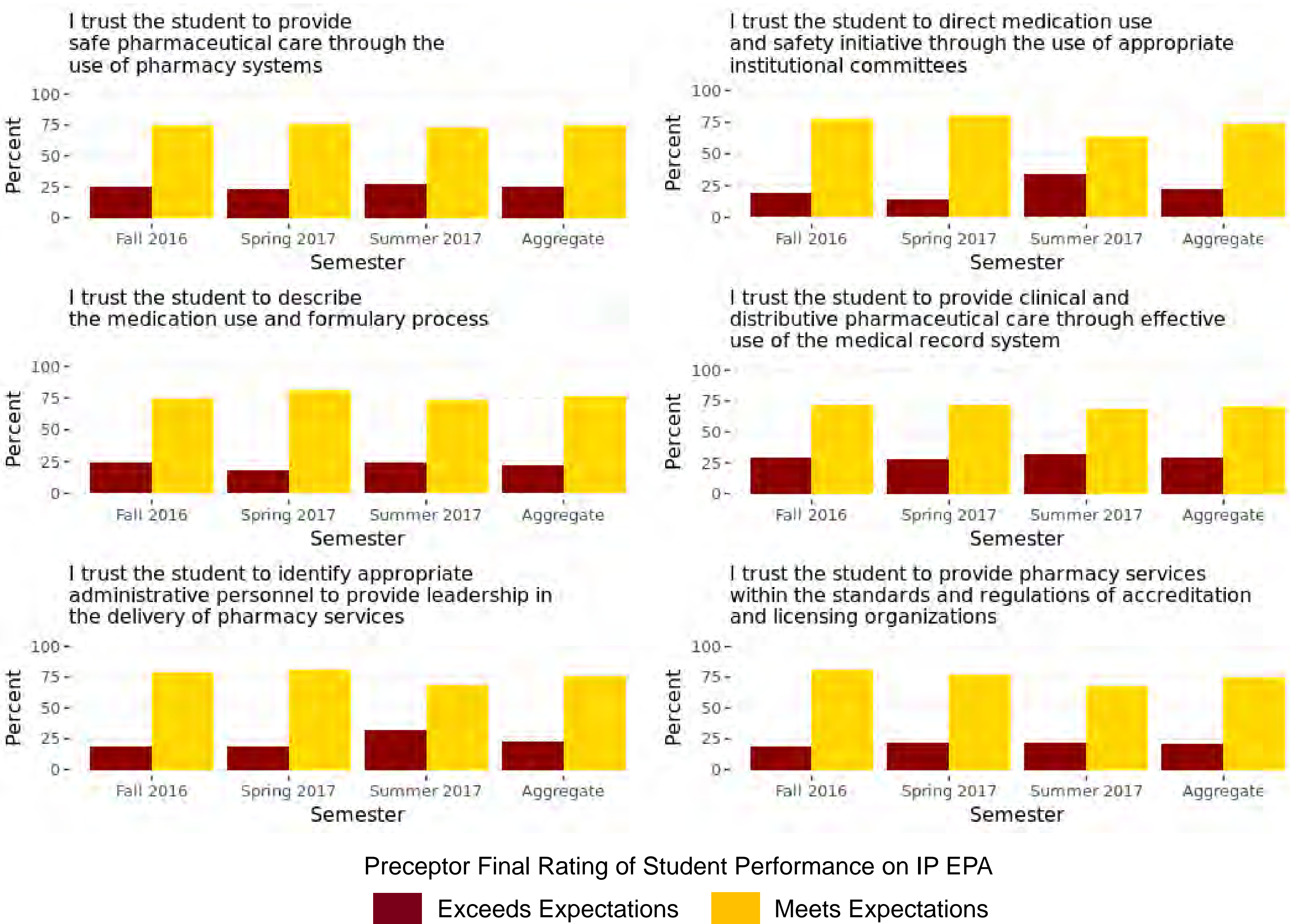
Methods

- A 17 category IP survey was created for students to use to report IP activities once weekly during their 12 week AC/INST APPE.
- All students who passed their AC/INST rotation and completed greater than 50% of the possible 12 surveys were included.
- A 19 item Entrustable Professional Activity (EPA) evaluation was used to assess student performance by preceptors at midpoint and end of the semester evaluations to assess student progress. The six EPAs that were specific to IP activities were extracted.
- Survey data and the IP EPA evaluations over three semesters was collected and analyzed to determine the types of activities students were exposed to during their AC/INST APPE, the amount of time involved in IP activities, and final evaluation of preceptor assessment of students on IP activities.
- Percent time spent on IP activities was extrapolated from the reported percent time on IP activities, and normalized to a full 12 week rotation.

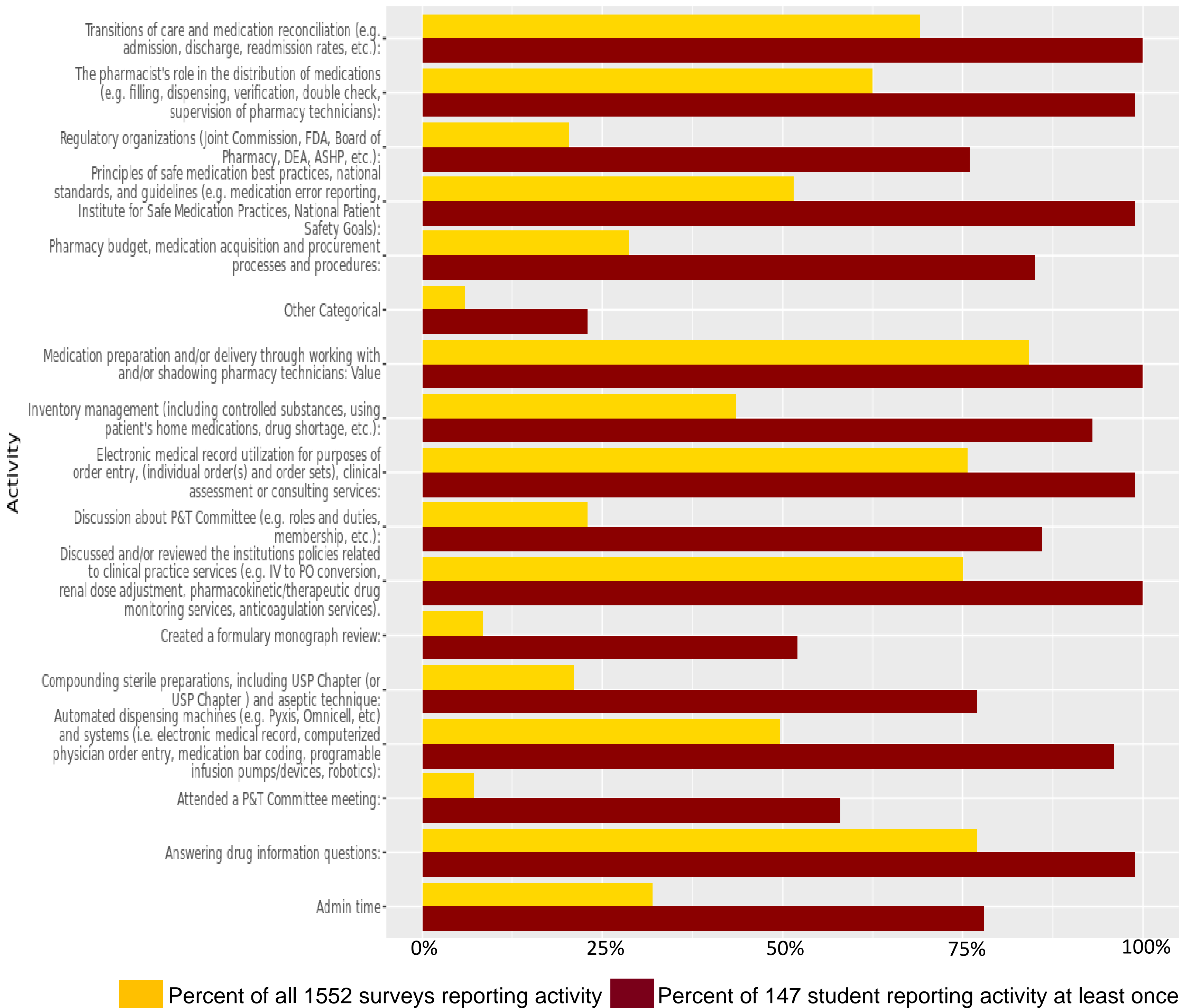
Results: Study Characteristics

- 163 students registered for AC/INST APPEs during the three included semesters.
- 147 students were included in the analysis.
- 1552 out of 1764 possible surveys were completed (88.0%).
- Included students completed an average of 10.5 surveys per 12 week APPE.
- Students spent 40% of their time during the AC/INST APPE on IP activities.

Results: Preceptor Evaluations

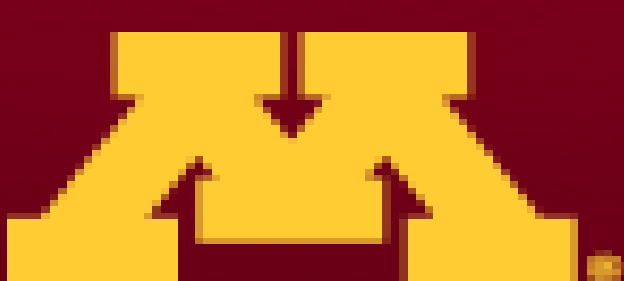


Results: IP Survey Data



Conclusions

- Institutional Practice (Hospital/Health System) experiences blended into acute patient care APPEs can successfully achieve IP (Hospital/Health System) educational outcomes.
- Students self reported exposure to a broad range of IP activities during the 12 week AC/INST APPE.
- Preceptors report the majority of students achieve target level EPA ratings for IP EPAs while achieving



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