Experiential Learning Through Structured Summative and Formative Assessments

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INTRODUCTION
In 2012, the Oregon State University College of Pharmacy set out to redesign the PharmD curriculum with three guiding principles:

- Enhance student skills and confidence in managing complex cases;
- Provide opportunities to differentiate specific capabilities;
- Restructure, redesign, and expand advanced pharmacy practice experiences (APPEs) and rotations.

Over the following five years (see timeline to the left), the College developed and implemented a Pre-APPE Readiness assessment block – the PAR Block. This work aligned with new ACPE standards in 2016, which specified the need for programs to assess student readiness to enter advanced pharmacy practice experiences (24.3), and to measure students’ competence in areas important for success in those experiences prior to their start (25.8).

MISSION
The mission of the PAR Block is to assure students’ confidence, creativity, and readiness to integrate into collaborative health care settings and serve diverse patient populations during advanced pharmacy practice experiences (APPEs).

This assurance is based on demonstrated ability to apply the necessary knowledge, skills, attitudes, and values of the profession and are assessed via educationally sound assessment strategies. Through the PAR Block, students will be poised to optimize their APPEs and set themselves on a path to career readiness through faculty, self, and peer evaluation.

CURRICULUM RESTRUCTURING
The PAR Block and a ninth APPE block replaced the P3 Spring term.

PAR BLOCK COMPONENTS

- Written exams pertaining to pharmacy law, calculations, and medication knowledge.
- A short verbal drug information (DI) response and a longer written DI response including a literature review.
- An Acute Care OSCE, utilizing an EHR training environment and oral presentation to a preceptor.
- A combined Ambulatory and Community Care OSCE with live simulated patients and development of a concise SOAP note.
- Structured, faculty-facilitated small group discussions on complex case analysis, and ethical and legal decision making.

Students work throughout the block to develop a targeted Personal & Professional Development Plan (PPDP).

The block concludes with individualized one-on-one advising sessions incorporating PAR Block performance and the PPDP into goals for maximizing APPEs and transitioning into the workforce.

2-YEAR ASSESSMENT MEAN SCORES

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<th>Assessment</th>
<th>2017 Passing Threshold</th>
<th>Std Dev</th>
<th>Mean Score</th>
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<td>Law Exam</td>
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<td>Calculations Exam</td>
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<td>Written DI</td>
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<td>AmCare OSCE</td>
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<td>AmCare SOAP Note</td>
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<td>Acute Care OSCE</td>
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FEEDBACK & OUTCOMES

- 9 out of 10 students agreed or strongly agreed that the curriculum redesign increased their confidence in managing complex cases (94%) and prepared them to differentiate themselves through pharmacy practice and leadership (88%).
- 4 out of 5 students said that PAR Block assessments provided meaningful feedback for self-evaluation (83%).
- Faculty reported alignment between classroom activities and what they thought students could demonstrate.
- Preceptors felt the PPDP complimented CVs by illustrating students’ future goals and their current level of learning.

Q: HOW WOULD YOU DESCRIBE THE PAR BLOCK?
“IT IS A WAY TO ASSESS YOUR STRENGTHS AND WEAKNESSES. YOU ALREADY PROBABLY HAVE A GOOD IDEA OF WHAT THOSE ARE, BUT THE PAR BLOCK HELPS GIVE YOU MORE CONFIDENCE IN DIFFERENT AREAS.”

ACKNOWLEDGEMENTS

- Task Force Members: Gary DeLander, Dean Haab, Megan Herink, Lynette Klaus, Juancho Ramirez, Colleen Shipman, Harleen Singh, Shannon Starwall, Natalie Suchy
- Assessment and Activity Leads: Rebecca Castner, Dan Hartung, Megan Herink, Deanna Moretz, Susan Morley, Joseph Schnabel, Harleen Singh, Ann Zweber
- PPDP Leads: Angela Austin Haney, Gary DeLander
- Office of Student Services: Angela Austin Haney, Lauren Corwin, Lacey Smyth
- Assessment Office: Nic Bookman

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