

Health Professions Education Institute (HPEI)

CURRICULAR INNOVATIONS

Title: Optimizing Simulation Curriculum within a Multi-Track APP Fellowship

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Needs Assessment: Atrium Health's Center for Advanced Practice (CAP) operates the largest and most clinically diverse Advanced Practice Provider (APP) Fellowship in the country, training 17 specialties. Financial analysis demonstrates economic and operational benefits of centralizing general curriculum through CAP, which prevents duplicity at each service line level, optimizes educator's time and enhances cross-specialty experiential learning. With such vast specialties represented, it was imperative for CAP to demonstrate a sustainable way to provide procedural and clinical training in the Fellowship.

Objective: To provide individual simulated patient scenarios, fostered by collaborative and team-based discussions to improve APP Fellow patient care and procedural skills, clinical decision-making abilities, and communication. *Description:* Grouping APP Fellows of like disciplines (High Acuity: Surgery, Cardiothoracic Surgery, Surgical and Medical Critical Care, Hospitalist, Emergency Medicine, and Palliative Care) and populations (Pediatrics: Family Medicine, Urgent Care, Emergency Medicine, Children's Hospitalist), our APP Fellows meet in those respective groups, in a psychologically safe environment, multiple times throughout their first three months of Fellowship, to critically think, use evidence-based-practice to guide decision-making, and professionally communicate among those present for their simulation case. These scenarios were uniquely authored by the facilitator, specifically for each unique training specialty, who also observes and fosters group discussion, while critically appraising the three learning domains: cognitive, affective, and psychomotor, to ensure learning objectives for the case were met. By this grouping, they benefit from exposure to off-service rotation specialties and consulting teams.

Evaluation: Since Spring 2019, anonymous feedback has been elicited from APP Fellows of each session. A total of 62 APP Fellows participated in High Acuity groups and 35 in Pediatrics groups. 100% of the 97 unique responses reported: objectives were clear, increased confidence with

developing differential diagnosis, diagnosis and developing treatment plans, improved communication with patients, that simulation helped equip them for clinical practice and would recommend it to others. Free responses for improvements were also collected. *Conclusions:* The APP Fellows have benefited from a cross-specialty Simulation curriculum, evidenced by their perceived growth in the aforementioned areas. Feedback has been used to help improve curriculum, enhance APP Fellow experience, and begin innovation work with other professions.