



University of New Hampshire

CHOOSE YOUR OWN ADVENTURE: Assessment of Need for Simulation in PMHNP Programs

By the end of this poster session the learner will be able to identify simulation needs and strategies to address these needs.

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Advanced practice nursing education is dependent upon competency driven clinical experiences.

There are challenges in obtaining student clinical placement sites, which have been further exacerbated by the COVID-19 pandemic. Many PMHNP programs utilize simulation as a platform to deliver these competencies. This is limited by cost, human capital, and lack of available pre-formatted simulation platforms for psychiatric nursing.

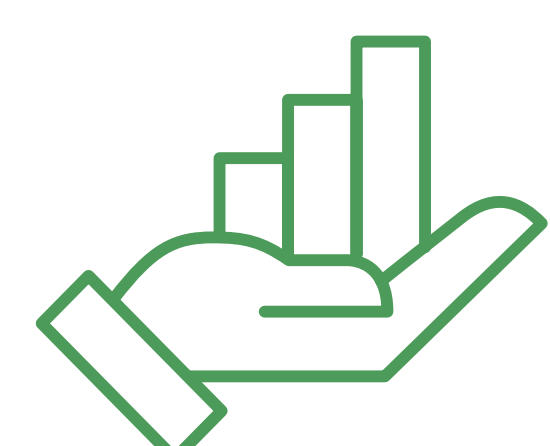
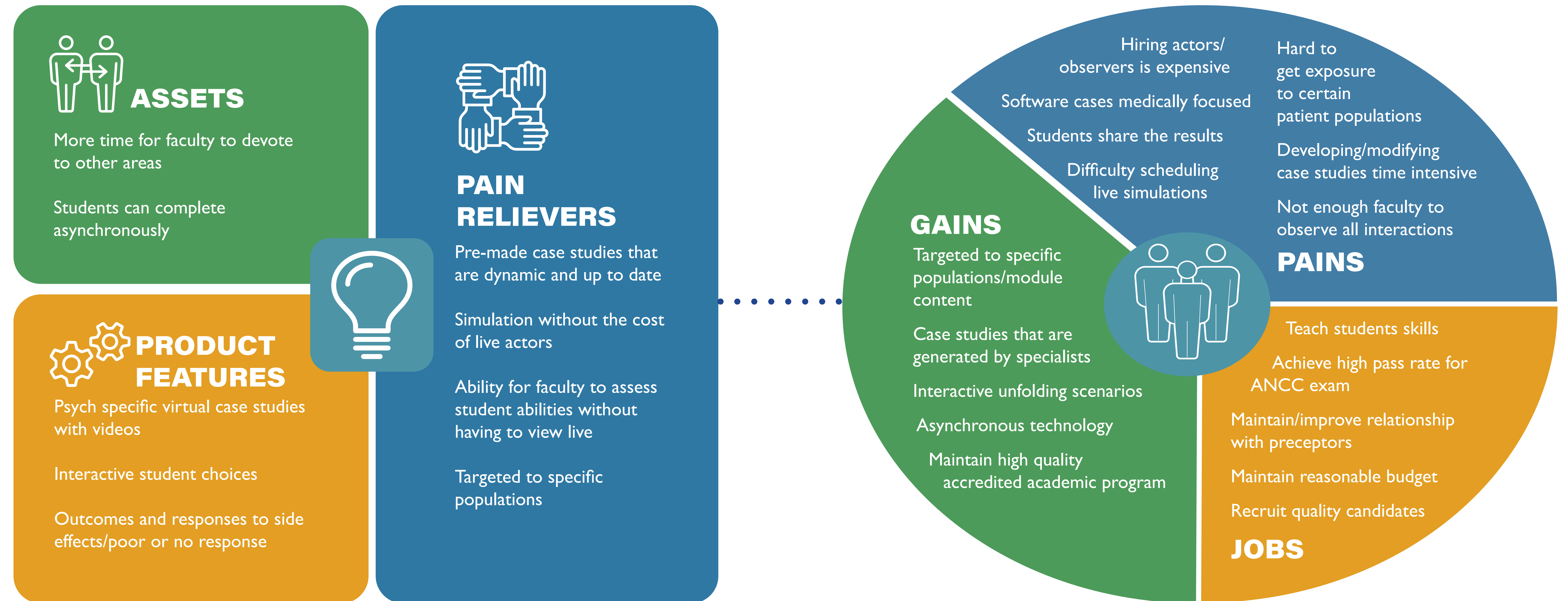
Simulation is a reliable platform in delivering competency-based education.

Simulations improve educational outcomes, confidence, performance and clinical judgment. Since the Covid-19 pandemic, interest in the integration of virtual and asynchronous methods of education has increased. The PMHNP Program faculty at the University of New Hampshire established a relationship with a university sponsored entrepreneurship training program, the Innovation Corps, funded by the National Science Foundation, to develop personal competencies in market research for identifying gaps in PMHNP programmatic needs.

A Value Proposition Canvas was created as a needs assessment gap analysis which identified means and opportunities for improvement. The Value Proposition Canvas is a theoretical framework developed by Alex Osterwalder to assess needs in a business model. This framework was modified for application to higher education and a programmatic needs Value Proposition Canvas (VPC) was created. Based on assessment of results in the VPC we were able to determine perceived need for simulation software from education stakeholders.

- An innovative interactive software prototype was generated to close identified gap.
- Software is currently in development to address this need. The software will utilize real scenarios—incorporating clinical experiences with interprofessional decision tree capabilities and outcomes.
- The collected data resulted in a collaboration between psychiatric nursing experts and software developers to build a simulation platform inclusive of case scenarios.
- Further development of cost-effective, clinically relevant, innovative, interprofessional, diverse, and accessible simulation software will improve training outcomes.

We believe that a virtual interactive simulation platform will result in improved learning outcomes and increased satisfaction in PMHNP graduate students as evidenced by pre and post test scores on learning outcome measures and satisfaction surveys. We will know we have succeeded when this is implemented in the UNH PMHNP program and the data supports the hypothesis.



PMHNP program stakeholders including program directors, clinical faculty, and recent graduates were targeted to gain market insight.

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