

AOE 2013 - 2014 Grant Recipient

“Developing and Implementing Pathology and Basic Science Modules for Clinicians in Training”

- Yuri Fedoriw and Julie Hull

Abstract

As medical schools shift to consolidate the basic science and pathophysiology components traditionally covered over the first two years into a single year, the need for high yield, readily accessible tools for teaching basic science topics throughout medical education is clear. While these curriculum changes afford much needed earlier exposure to clinical rotations and a chance to explore career options well ahead of the residency selection process, time for teaching the traditionally “pre-clinical” topics will decrease. However, the imminent changes and proposed curriculum structure at the University of North Carolina School of Medicine will provide new opportunities for an enhanced educational experience. We propose creating a series of short (10-15 minute) online modules to be used during the clinical rotations (Application Phase), to teach important pathophysiologic and basic science concepts in the context of patient care. We hope that this mechanism will not only serve to fill perceived educational gaps, but will truly improve the quality of medical education beyond the *status quo*. The proposed online modules can serve as a bridge between the pre-clinical and clinical years, and offer opportunity for improved contextual learning and retention.