Strategies for Developing Active, Learner-Centered Online Education for the Health Sciences

We are converting Allied Health, Dentistry, Medicine, and Nursing courses to online formats for students situated across Minnesota and our region. Our goal has been to respond to millennial and net generation learning needs and preferences by providing ‘anytime-anywhere’ learning while also providing learner-centered and social-learning opportunities. In addition, we strive to address the learning and social needs of medical, nursing, and dental students during their basic sciences as well as clinical experiences, particularly rotations in more isolated, rural areas.

This presentation will provide online examples of courses for students in a rural physician program, a capstone nursing administration course, occupational therapy, clinical laboratory science, surgical residencies, and dentistry rotations. We will provide examples of how we employ standard educational software such as a portal, WebVista and Moodle, Adobe Connect, Flash, and sound instructional design and development techniques and teamwork to meet both the individual and interprofessional needs of the various health science disciplines.