Leading Transformational Change: eModules Designed by Digital Learners for Digital Learners

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A grant from University of Nebraska Medical Center inspired students at the College of Dentistry to be innovative educators to their peers, creating an eModule by digital learners for digital learners. UNMC is leading transformative learning from the institutional level to the college level by supporting evolving technology. The first dental student designed an eModule, "Irregular Dental Care," being incorporated into a course this fall. Outcome assessment research on the modules continues after their release.

College of Dentistry to be innovative educators to their peers, creating an eModule

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Student 2016

Dentistry Curriculum Redesign Project) – Mary Lynn Froeschle, DDS, MBA.

"Case-based Interdisciplinary Team Approach to Treatment Planning" (College of Dentistry)

"Endodontic Immunology: An introduction of Classic to current Evidence of Endotoxins," Faculty 2015

Values

Innovation

1. Learn to lead.
2. Learn to change.
3. Leverage technology.

Innovate new and exciting helplines for student interaction learning.

Support increased development of eModules by student peers.

Create a UNMC College of Dentistry eLearning showcase.

Incorporate eModules into the curriculum.

Provide opportunities for research on learning styles, practicality, and preparing for the next generation of students.

UNMC Transformation of Curricula to Lead
The Way on Technology-enhanced Learning

UNMC DENTAL COLLEGE

Evaluations and assessments have focused on how our students learn best so we can best support the most appropriate mode of education for each student.

Why?

Why?

A. Lead transformational change of the College of Dentistry's curriculum through student-designed, student-centered eModules for use by student peers.

B. Support increased development of eModules by students with faculty mentors.

C. Create a UNMC College of Dentistry eLearning showcase.

D. Incorporate eModules into the curriculum.

E. Provide opportunities for research on learning styles, practicality, and preparing for the next generation of students.

Project Proposal Goals

A. Lead transformational change of the College of Dentistry's curriculum through student-designed, student-centered eModules for use by student peers.

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Dental College Learning Experiences

Future Innovation

UNMC COD

Estimated Budget

Topic for 15-minute module

Learning Objective

Innovate New Helpline

Innovate New Technology

Robots

INNOVATION IS AFFORDABLE

COLLABORATION ON A LOCAL & NATIONAL SCALE

Dental College Learning Experiences

INNOVATION

COLLABORATION

GLOBAL SCALE

UNMC COD

Innovate New Technology

Robots

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D. Incorporate eModules into the curriculum.

E. Provide opportunities for research on learning styles, practicality, and preparing for the next generation of students.

Reward & Recognition

Money awarded supports students for development of new production.

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