

EVMS 2.0: A Quality Enhancement Plan for Eastern Virginia Medical School

EVMS 2.0 will enhance medical student learning by systematically integrating educational technologies (ET) into the medical curriculum. This reflects the ever-growing role that computers, modeling and simulation, and the Internet have in medical education and practice.

This is the time to make changes to our MD program curriculum, which has depended heavily on large-group lectures and structured clinical experiences. Computers and related technologies are woven into the fabric of the daily lives of entering medical students, who expect to use them in their learning. Educational technologies provide a set of powerful tools for medical education. Furthermore, where feasible our learning environment should resemble the medical practice environment, which is increasingly reliant on computers and information technology.

In order to achieve our vision, *EVMS 2.0* has outlined the following three goals:

1. Enhance medical student learning through improved integration of educational technologies into courses and clerkships.
2. Enhance student skills in medical procedures through simulation and other educational technologies.
3. Strengthen faculty knowledge and skills in educational technologies.

For each of these goals, this plan proposes the necessary objectives, activities, timelines, responsible personnel, and evaluation questions to be addressed. Resources needed for the project are outlined.

The curriculum will drive the adoption of ET. The careful selection and implementation of ET-based teaching/learning projects will provide students with additional pathways to achieve curricular objectives. *EVMS 2.0* will help faculty implement ET teaching/learning methods as they maintain their traditional responsibilities for determining what is to be learned (learning objectives) and serving as a valuable source of content knowledge for students. Their roles as guides and mentors for their students will expand as ET methods result in increased independent learning options for students. A faculty development initiative will help faculty become more knowledgeable and comfortable integrating ET into their teaching, and consultation on ET will be available to faculty as needed.

Responsibility for the implementation and assessment of *EVMS 2.0* is vested in the *EVMS 2.0* Implementation Committee (E2IC). This committee, appointed by the Dean/Provost, includes faculty, staff, and students. It is co-chaired by the Associate Dean for Medical Education (Thomas R. Pellegrino, MD) and the Associate Dean for Library and Learning Resources and Director, Educational Technology (Judith G. Robinson, MSLS).

A successful *EVMS 2.0* will result in our MD program students using a broader array of ET resources to help them achieve their learning objectives, and a faculty fully capable of and comfortable in providing that enhanced learning environment.

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