

RESOURCES

Use of Medical Education Technology Grace Huang, MD

Effective use of educational technology in medical education: summary report of the 2006 AAMC colloquium on educational technology
<https://services.aamc.org/Publications/index.cfm?fuseaction=Product.displayForm&prd_id=184&prv_id=224&cfid=1&cftoken=69456F04-209B-4E00-92606880A9110218>. Association of American Medical Colleges, Washington, DC, 2006. *This consensus statement was produced by the Institute of Improving Medical Education at the AAMC. It involves the input of eleven experts on three types of technology: computer-assisted instruction, virtual patient simulation, and high fidelity simulation.*

The following list provides faculty with repositories of materials that can be used for teaching:

1. MedEdPORTAL: Providing Online Resources To Advance Learning. Association of American Medical Colleges. <http://www.aamc.org/mededportal>. *This is a reference database of peer-reviewed educational materials of all types (not limited to educational technology), ranging from curricular resources to evaluation instruments to patient simulation cases.*
2. Health Education Assets Library (HEAL). <http://www.healcentral.org/>. *This is a repository of health sciences images, videos, and animations.*
3. Multimedia Educational Resource for Learning and Online Teaching (MERLOT). <http://www.merlot.org/merlot/index.htm>. *This is a link to websites that offer educational materials for online teaching, not limited to medical or health sciences education.*
4. Molson McGill Medical Informatics. <http://sprojects.mmi.mcgill.ca/>. *The Molson Medical Informatics Student Projects Site is a collection of multimedia projects in medical teaching.*
5. Virtual Patient Reference Library. <http://research.bidmc.harvard.edu/vptutorials>. *A library of multimedia online tutorials in topics ranging from clinical reviews to video-based instruction in physical examination to interactive animations in pathophysiology.*

Examples of free resources that can be used in teaching:

1. Cardiovascular anatomy and physiology by Blaufuss Multimedia – <http://blaufuss.org/>
2. Eye Movement Simulator by the University of California at Davis – <http://cim.ucdavis.edu/EyeRelease/Interface/TopFrame.htm>
3. Breast exam by the Shapiro Institute for Education and Research – <http://research.bidmc.harvard.edu/vptutorials/midlife/>
4. Pelvic exam by the Shapiro Institute for Education and Research – <http://research.bidmc.harvard.edu/vptutorials/midlife/>
5. Pulsus paradoxus by the Shapiro Institute for Education and Research – <http://research.bidmc.harvard.edu/VPtutorials/dyspnea/> (Click on Physical Exam)
6. GeriaSims by the University of Iowa (geriatric virtual patients) – http://www.healthcare.uiowa.edu/igec/e-learn_lic/geriasims/default.asp
7. WISE-MD - the Web Initiative for Surgical Education at New York University School of Medicine – <http://wise-md.med.nyu.edu/>