Bloom's Taxonomy
Writing Learning Objectives

Anyone struggling to write learning objectives - whether to plan a UME course, to convert GME milestones into program objectives, or to satisfy CME criteria - may find the framework and language in "A Model of Learning Objectives" helpful. This model, created by Rex Heer at Iowa State University, takes the recent revision of Bloom's taxonomy one step further by integrating classifications of knowledge and cognitive process dimensions. A learning objective states "who will do how much of what by when." Heer adds that the statement includes a verb (an action verb) and an object; one should remember, however, that the object can refer to any kind of learning: knowledge, behavior, skill or attitude.

MD Chalk Talk
Founded by Academy Member Patrick Gordan, MD

MD Chalk Talk (www.mdchalktalk.com) was created by Drs. Jacob Kogan and Patrick Gordan. MD Chalk Talk aims to have an online space where physicians and physicians in training can meet and share pithy, interactive, clinically high-yield medical videos. The site has several goals:

1. Effectively convey complex clinical concepts to students through video
2. Eventually having a rating system that the whole website community can use to identify
the best teachers and best videos

3. Communicate educational standards to the community by having a board that accepts or rejects teaching videos based on standards established by a board of medical educators

"Classrooms" are another useful area on the website where any medical educator can build a library of chalk talks and talk about them with their residents and trainees. For example, if a topic comes up on rounds, one can create a chalk talk about it and chat about it next to the video. The classrooms can be password protected. The following two links are examples of classroom based videos:

http://www.mdchalktalk.com/patrickgordan/patrickgordan.php
http://www.mdchalktalk.com/jacobkogan/jacobkogan.php#ab1

Who's Who in the Harvard Medical School Academy

Carol Bates, MD

I am Associate Professor of Medicine and Assistant Dean for Faculty Affairs. I was Primary Care Program Director for 19 years at BIDMC where I continue to precept residents, to teach women's health curriculum, and to run a course on Primary Care Redesign. As former chair of the Education Committee of the Society of General Internal Medicine, I inaugurated an annual meeting session on Update in Medical Education which I continue to present with colleagues and keeps me updated on the year's literature. In the Office for Faculty Affairs, I am responsible for promotions to Assistant and Associate Professor and for faculty development programs including the HMS Leadership Course and the Shore fellowship program. I serve as co-chair of the mentoring committee for the Academy.
Scott Beach, MD

I am an Instructor in Psychiatry, dividing my clinical time between the Acute Psychiatry and Psychiatry Consultation-Liaison Services at MGH, and performing research as an HMS Dupont-Warren Fellow and member of the MGH Cardiac Psychiatry Research group. I am involved in medical student teaching at HMS, serving as the co-director of the Introduction to Psychopathology and Clinical Psychiatry course for the MGH site, and sitting on the HMS Admissions Committee. I participate in clinical and didactic teaching and formal supervision of residents in the MGH/McLean Psychiatry program and lead clinical rounds and lectures for the MGH Psychosomatic Medicine Fellowship. I have a particular interest in the overlap of psychiatry with medicine and surgery and in the way in which psychiatric teaching is incorporated in other disciplines.

Andrew H. Lichtman, MD PhD

I am a Professor of Pathology and at the Brigham and Women's Hospital and I conduct basic research in the area of T lymphocyte-mediated immunity and immunopathology, with a focus on cardiovascular disease. I have greatly enjoyed participating in medical education at HMS since 1985, serving as a lecturer, tutor, lab instructor, course developer, and director of core curriculum Immunology and General Pathology courses. Currently I am a Co-Director of the first year course "Immunology, Microbiology, and Pathology". I have been a member of several HMS curriculum development and oversight committees and currently I co-chair the HMS Subcommittee on Assessment of Students. I am a coauthor of two immunology textbooks, and I direct and teach in several post-graduate immunology courses held in various parts of the world.

Jennifer McSweeney, MD

I am an Instructor of Anesthesiology at Harvard Medical School and a Staff Cardiac Anesthesiologist at Brigham and Women's Hospital. As the Director of Medical Student Education in our Department, I coordinate the 3rd year Anesthesiology clerkship and 4th year Anesthesiology elective. As Brigham PCE faculty, I particularly enjoy working with students in the STRATUS simulation lab and engaging them in real time physiology and pharmacology in the operating room. Recent projects include implementation of a new anesthesia resident evaluation and feedback system. Other special interests include improving the quality and frequency of verbal feedback.
John D. Mitchell, MD

I am an Assistant Professor of Anaesthesia at Harvard Medical School and Residency Program Director for Anesthesia, Critical Care, and Pain Medicine at Beth Israel Deaconess Medical Center. While participating in a Rabkin Fellowship in Medical Education in 2009-2010, I became interested in education research. I am part of a group examining mechanisms to enhance feedback for learners and am most interested in studying feedback pertaining to professionalism and interpersonal communication. Identifying ways to enhance the teaching of echocardiography by employing simulators and web-based teaching modules is another collaboration I am pleased to be involved in. I am active in simulation, classroom, and operating room based teaching of students, residents, fellows, and visiting preceptors.

Toni Peters, PhD

I am an associate professor of Population Medicine and associate director of the Academy Center for Teaching & Learning. In my latter role, I co-direct the Academy Fellowship in Medical Education Research; I conduct faculty development workshops, particularly focused on small group learning and feedback; I participate on several Academy interest groups (Peer Observation; Feedback and Evaluation; Medical Education Research; Cross Cultural Care; Mentorship; Writing for Scholarship); I plan the annual symposium on the science of learning; and I consult with faculty interested in conducting research in medical education. Although my work is wide ranging, I am particularly passionate about small group learning, processes of feedback, and primary care education. I am very pleased to be collaborating with the Center for Primary Care in their evaluation of the Academic Innovations Collaborative.

New medical education Pubmed citations from Academy members

Please note that we are now using an automated search system to identify new pubmed-cited medical education literature. If we have missed a medical education paper you have published, please let us know. Also, please let us know if you have published medical education materials on MedEdPortal or other sites.


Archives of HMS Academy Insights

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