

## AbstractID: 9539 Title: Innovative Web-based Solution to Training Medical Dosimetrists

A set of web-based training tools is under development for training medical dosimetrists. These tools are intended for use by training programs and individual mentors. The set of tools consists of 23 Modules, each containing up to 30 Sessions intended to be used by a medical dosimetry student at a personal computer connected to a server by the internet. The Modules are roughly equivalent to a college course and the Sessions are roughly equivalent to a class. The total number of sessions that are under development is approximately the same as a year of undergraduate contact hours. Content authors for the modules have been recruited. The material is being assembled using classical training material development methods<sup>1</sup>. The module authors developed instructional objectives for their individual modules. The instructional objectives were reviewed by an independent set of domain experts (mostly medical physicists). The reviewers considered how well the instructional objectives addressed the material associated with the modules and how well the instructional objectives were phrased. Critiques and recommendations were returned to the module content authors who then revised the instructional objectives. The authors are working with a project manager assisted by student web developers to assemble the material using a commercial computerized training software system (WebCT <http://www.webct.com>). More information on the project can be found at <http://dosimetry.stanford.edu>.

<sup>1</sup>Dick, W., Carey, L., Carey, J. *The Systematic Design of Instruction*, New York: Addison Wesley Longman. (2001).

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