

Summarized abstract for OMERAD Newsletter December 2016.

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TITLE: Integrating Universal Design for Instruction: Ready to Take your First Steps in Making Your Content Accessible?

Keywords: Higher Education, Web, Emerging Assistive Technologies, Information & Communications Technology (ICT), Universal Design, Medical Education

SESSION TYPE: Skill Acquisition Session

SPEAKERS:

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Description:

In this workshop participants will be introduced to the principles of Universal Design for instruction and will learn how to identify and implement accessibility requirements for making effective closed captioning videos and accessible PDF documents.

Rationale:

A growing number of web accessibility policies are being implemented in higher education, and where applicable, medical schools are expected to ensure that institutional policies regarding web accessibility are properly followed to meet institutional compliance. To that effect, it is imperative for schools to promote awareness and understanding about Universal Design (UD) and web accessibility principles and provide faculty and staff opportunities for professional development that expands the skills of individuals involved in the creation and delivery of curricula. As medical schools move forward with new curriculum implementation and integrate increased use of web-based technology for content delivery; faculty developers are faced with a vast array of demands and technologies, but have few opportunities to share best practices or learn how to choose, produce, and incorporate accessible technology for content delivery into their programs. This workshop will provide a skills-oriented, interactive experience for learners who are curious about how to integrate UD into the creation of asynchronous teaching materials.

Objectives:

At the completion of this session participants will be able to:

- 1) Identify best practice-based approaches to integrate accessible educational technologies into curriculum and for faculty development.
- 2) Create and deliver a YouTube closed-captioned accessible video.
- 3) Convert digital office documents into accessible PDFs.
- 4) Describe unique applications of accessible educational technologies at different institutions.
- 5) Identify pedagogical opportunities and constraints of accessible educational technologies.

Reference List:

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<https://members.aamc.org/eweb/upload/Medical%20Students%20with%20Disabilities%20A%20Generation%202005.pdf>

- Michigan Virtual University: A Promising Practice in Developing Standards for Online Courses

<http://www.washington.edu/doit/michigan-virtual-university-promising-practice-developing-standards-online-courses>

- MSU Web Accessibility

<http://webaccess.msu.edu/index.html>

-The Center for Universal Design in Education

<http://www.washington.edu/doit/programs/center-universal-design-education/overview>