







Relevance of online education to Medical Physics

- Are content delivery methods for online undergraduate education relevant to graduate education?
- How can online resources supplement graduate or residency didactic approaches?
- How can online material be developed for new pedagogy in medical physics?
- How can online material be used in MOC?
- Can online material supplement training of physicians or public?
- Is there a place for MOOCs in med phys?

Ways in which online content is currently being used in MP

- Online lectures by instructors for flipped classroom model
- Virtual library and online learning content for MOC
- Online modules for use in educating physicians
- Resources for the public on medical physics topics

Practical considerations regarding online education

- What content is currently available?
- Who should "own" online content, who should pay for it, and what is a business model to make it viable?
- What are useful tools for creating online content?
- How can one measure the effectiveness of online education?
- What role, if any, does AAPM have in facilitating, producing, or providing content?

Challenges

- · Expensive and time consuming to produce
- Difficult to organize and publicize available content ("catalog" or "google" approach?)
- Revamping established courses to include more online content
- Adapting to evolving learning preferences of millennials
- Quality control of content (especially important for resources for the general public)
- Maintaining "control" of the educational enterprise by physicists

TG 250: Online Education

(Dobbins, Bloch, Boyer, Frey, Gingold, Mayo, Oldham, Sprawls)

- Assess what content is currently available
- Evaluate what additional content might be useful in various areas of educational coverage
- Identify challenges in achieving potential of online education
- Identify key parties responsible for advancing efforts in each area of online education
- Recommend AAPM's role in managing, providing, or supporting online content
- Recommend organizational structure within EC to best implement these recommendations

Today's symposium content

The Opportunity Overview – Jim Dobbins Current Resources Available content – Joann Prisciandaro AAPM Virtual Library – Chuck Bloch AAPM/RSNA online modules – Eric Gingold Software tools – George Starkschall The Future MOOCs – Mark Oldham A collaborative model – Perry Sprawls Panel Discussion



For comments or questions:

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