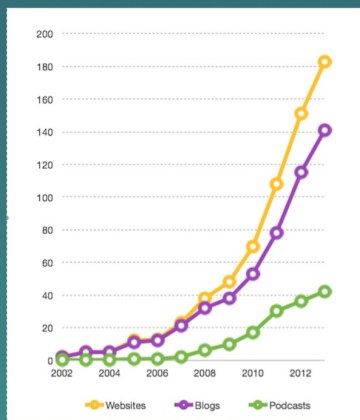


#FOAMed Rising



Marked rise in Free Open Access Medical education (#FOAMed) resources in the past decade.

Now over... 140 blogs
40 podcasts

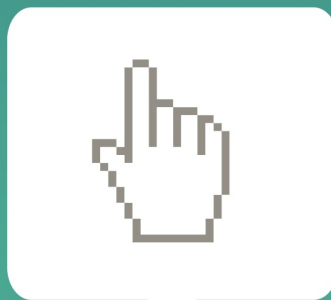
Cadogan, et al. Free Open Access Meducation (FOAM): The rise of emergency medicine and critical care blogs and podcasts (2002-2013). *Emerg Med J* 2014;31:e76-e77.

Increased Usage

Statistics from Purdy et al., The use of free online educational resources by Canadian emergency medicine residents and program directors. *CJEM*, March 2015



90% Residents use podcasts each month



86% Residents use medical blogs each month



71% Residents use vodcasts each month

Whither Quality Control?

Presently, quality is in the eye of the beholder. However, three key populations can help to change this.

Learners



Teachers



Producers



#FOAMed Quality

Learners



The most vulnerable group.

Lack expertise to situate the materials.

Online role models can help them to learn and become members of a community of practice

Five Strategies

From: Thoma B, Joshi N, Trueger NS, Chan TM, Lin M.
Five strategies to effectively utilize online resources in emergency medicine.
Annals of Emergency Medicine. Oct;64(4):392-395.

Start



Join to connect with the #FOAMed community as junior members



Use Customized Search Engines (e.g. FOAMSearch.net)



Watch Lists
- LIFTL Review
- ALiEM AIR

Maintain



RSS Feeds



Podcast Applications

#FOAMed Quality

Teachers



Able to guide learners to appropriate resources.

An online teaching community does this via various methods.

Every community of practice needs experts. Get online to help!

Curation & Creation

Curation



Create lists of resources aligned to your local curriculum



Encourage critical appraisal of materials



Use Resource Lists
- LIFTL Review
- ALiEM AIR

Creation



Join discussions* and participate in pre- and post-publication peer review**



Create customized site for target audience (Twitter, blog) e.g. EM Curious



Contribute your own content on a new or existing platform e.g. ALiEM, BoringEM

*Teresa Chan, Brent Thoma, Michelle Lin. Creating, Curating, and Sharing Lessons in Online Professional Development: The Medical Education in Cases Series experience. Accepted for publication in Academic Medicine. Accepted on July 3, 2014. (In press)

** Brent Thoma, Teresa M Chan, Natalie Desouza, Michelle Lin. Implementing peer review at an emergency medicine blog: bridging the gap between educators and clinical experts. Can J Emerg Med. Online first May 7, 2014. PMID: 24810912

#FOAMed Quality

Producers



Lead innovations in quality improvement.

Must be leaders in educational scholarship to continually learn and improve.

The dawn of #FOAMed scholarship is here...

Impact & Quality

Impact



Altmetrics:
Social media metrics that quantify the impact of papers and resources



Social Media Index*:
Amalgamates social media metrics to quantify the impact of blogs & podcasts

Quality



Develop, assess, and validate quality assessment systems for FOAM.***



Coordinate with others to ensure different target audiences' needs are met
e.g. EM Curious



Explore new ways of improving your own content on a new or other existing platforms
e.g. ALiEM, BoringEM

*Thoma B, Sanders JL, Lin M, Paterson QS, Steeg J, Chan TM. The Social Media Index: Measuring the impact of emergency medicine and critical care websites. *Western Journal of Emergency Medicine*. (In Press) Accepted for publication on January 27, 2015.

** Thoma B, Chan TM, Desouza N, Lin M. Implementing peer review of an emergency medicine blog: bridging the gap between educators and clinical experts. *Can J Emerg Med*. Online first May 7, 2014. PMID: 24810912

*** Thoma B, Chan TM, Paterson QS, Milne WK, Sanders JL, Lin M. Emergency Medicine and Critical Care Blogs and Podcasts: Establishing an International Consensus on Quality. (In Press) Online First March 31, 2015.