

10 hot topics in Medical Education Research

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SDRME Meeting 2013

1. Changes in healthcare delivery

- Full implementation of Affordable Care Act in 2014.
 - How do we prepare our workforce on emphasis on “value” of care and patient satisfaction?
 - Abandoning “fee-for-service”: what are the effects on career choice?



2. Interprofessional education

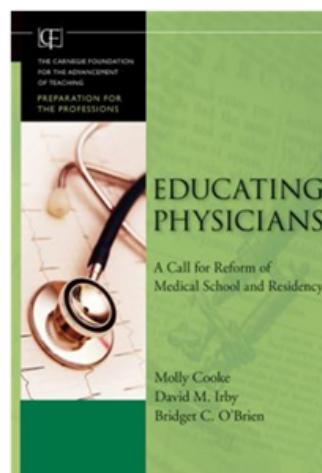
Integrated health delivery systems and “medical home”

- How do we teach and assess effective communication, team dynamics?
- Do students understand professional roles?
- Do integrated, longitudinal clerkships help prepare students for IP teamwork?



3. Curriculum reform

- Outcome-based curricula: How do we standardize learning outcomes, individualize learning experience?
- Are “Entrustable Professional Activities” or “Milestones” more useful outcomes than graduation competencies? If so, what are they?
- How does early integration of clinical experience promote clinical readiness of students?



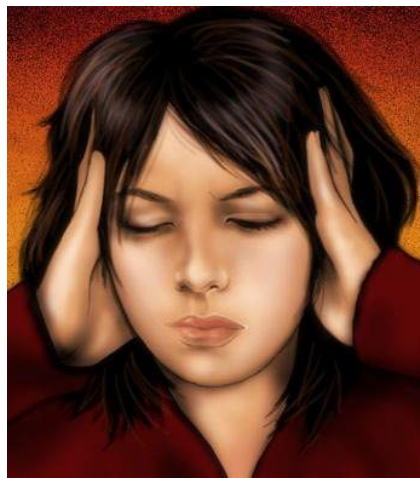
4. Student admissions

- New MCAT's emphasis on behavioral/social sciences: what are the immediate ramifications for admission policy and long-term outcomes?
- New LCME mandate of pipeline programs: what are the best practices? Do they promote workforce diversity?
- MMI: the best new thing for screening non-cognitive attributes?
- Is "professionalism" an admissions issue?



5. Wellbeing of trainees and physicians

- How can we address a culture of mistreatment?
- How can we prevent the informal curriculum from eroding humanism, empathy, professionalism?
- How can we best address physician burnout?



6. Curtailing resident/student duty hours

- How can we improve hand-offs?
- Can the decrease in clinical time be mitigated with self-study, virtual patients, or online modules?



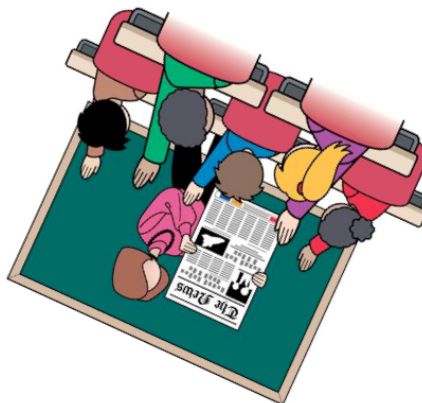
7. Faculty development

- How can we promote and support educational scholarship?
- What faculty mentoring models work well?
- What are the best practices for leadership development?



8. Innovations in teaching/assessment

- “Flipped classroom:” What are the best practices? How do they compare to traditional lectures?
- How efficient is game-based learning and adaptive testing?
- How can we evaluate the effectiveness of online, asynchronous learning materials beyond learners’ satisfaction?
- Is the drop in lecture attendance worrisome?



9. Self-directed learning

- How can personal development plans and Eportfolios support self-directed learning?
- Which self-assessment and reflection practices are helpful in identify personal deficiencies?
- How much emphasis on self-directed learning is appropriate?



10. Simulation

- How does simulation of various levels of fidelity compare in terms of learning outcomes and cost?
- How can we use simulation for assessing clinical competency, teamwork?
- Does simulation create opportunities for remediation, certification?

