

Career Advancement through Teaching

How to be an Effective Mentor

Faculty: Arlene Chung, MD, FACEP

Great mentoring is often the key to a person's career success. But what is great mentoring? How can we be effective mentors? How can we be great mentees? During this interactive connect session, mentoring experts will describe how to be an effective mentor & mentee today.

- Define the fundamentals of a successful mentoring relationship.
- Discuss how to be an effective mentor.
- Outline how to be an effective mentee.

How to Give a Killer Talk

Faculty: Christina L. Shenvi, MD, PhD, FACEP

Do your learners fall asleep or pull out their phones when you lecture? Do you struggle with how to effectively present your data? Do your slides need an extreme makeover? Do you want to make your lectures more interactive? Many educators struggle to provide high quality, effective lectures. Their impact can be limited by poor presentation style, distracting slide design, and lackluster delivery. While drawing on available literature, this talk will explain and exemplify five key points for making lectures more interesting and keeping an audience's attention. Come learn the ABCs of resuscitating a boring lecture!

- Explain the concept of audience-centered presentations and the WIIFM.
- Through the framework of cognitive load theory, explain how to create effective PowerPoint slides.
- Describe how to plan, practice, and deliver powerful presentations to any audience.

Working as a Female in the ED: Coffee House Chat

Faculty: Frosso J. Adamakos, MD, FACEP; Diane M. Birnbaumer, MD, FACEP; Starr Knight, MD; Onyekachi T. Otugo, MD, MPH; Susan B. Promes, MD, MBA, FACEP; Tracy G. Sanson, MD, FACEP

A perspective on working as a female in the emergency department.

- Discuss issues working as a female in emergency medicine.
- Discuss how to manage work conflicts relating to sexism.
- Identify the use and evidence behind high flow nasal cannula in COVID-19 patients with hypoxemia.

Badges, Games, and Escape Rooms? Innovative Education for Today's Learner

Faculty: M. Tyson Pillow, MD

In their daily practice, many providers teach residents and health professions students; however, few have received formal training in education. During this course you will learn essential teaching techniques for today's learners. The speaker will discuss how to utilize technology, gamification, team based learning, and clinical and bedside teaching to engage the current generation of learners. During this course, you will learn the difference between mediocre & spectacular techniques as we incorporate proven & innovative methods to the art of didactic and clinical/bedside teaching.

- Utilize games and small groups for more innovative didactics.
- Develop your own teaching style to become more effective.
- Develop moments of spectacular bedside teaching.

Critical Appraisal and FOAMed: Is FOAMed the Problem or the Solution?

Faculty: Jeremy Samuel Faust, MD, MS, FACEP; Lauren Westafer, DO, MPH, MS

How good are emergency physicians at clinical appraisal of the peer-review literature? Two of emergency medicine's most prolific and popular podcasters will describe best practices on critical appraisal and describe how the Free Open Access Medical Education movement (FOAM or "FOAMed"), has become the vanguard for critical appraisal of the peer-review medical literature. Dr. Faust and Dr. Westafer will introduce participants to some of the major voices in critical appraisal today, and give concrete examples of where expertise found in the FOAMed space has debunked dubious conclusions and spin found within even medicine's most prestigious journals and spread awareness of flaws in the literature. The speakers will also discuss strategies for obtaining a healthy balance between FOAMed consumption and classic core learning modalities.

- Describe some of the influential free open access medical education resources and authors focusing on critical appraisal of peer-reviewed medical literature.
- Describe best practices for critical appraisal for peer-review medical literature.
- Highlight the differences between FOAMed-based critical appraisal tools and resources and traditional tools included journal watches and others.

Teaching on the Run: Tips & Tricks to Make Teaching More Efficient & Fun

Faculty: M. Tyson Pillow, MD

Teaching in a busy emergency department can be a daunting task for any emergency physician. Traditional teaching methods in the emergency department have generally relied on the use of dry-erase boards & small, or mini-lectures. These can be time consuming & frequently does not lead to a desired learning outcome. There are some efficient ways to teach in the emergency department, however. The speaker will discuss some easy to use techniques for teaching medical students & residents when it's slow & when it's busy in the emergency department.

- Discuss how to teach rapidly & efficiently in the emergency department.
- Describe some helpful rapid teaching techniques that can be used to make a meaningful impact on learners.
- Discuss best practices in teaching medical students during clinical shifts.

Delivering & Listening Wisely: Effective Feedback in the ED

Faculty: M. Tyson Pillow, MD

There are few too precious minutes when trying to impart knowledge to learners in the ED setting. How can you find the time to watch an interaction or listen to a consult? How can you ensure learners know they are receiving feedback - & then what to do with it? This talk will give you the tools you need to make your team better!

- Describe how to deliver real-time feedback while in a chaotic learning environment.
- Determine when & when not to take the time to deliver formative feedback.
- Create an environment of trust & respect so that the learners know they are receiving feedback & can act on it.

Developing Your Career Niche in Emergency Medicine

Faculty: Christopher I. Doty, MD, FACEP

Developing a niche, or special area of interest, is an important part of career development in emergency medicine. Choosing a focus area allows physicians to gain special expertise in certain topics that could lead to great career benefits. The speaker will discuss the importance of developing a niche in emergency medicine, how to develop it, & how to utilize it as a career development tool for advancement.

- Discover how to find your niche in EM.
- Describe how to find a focus area in EM that can help to advance your career.
- Explain how a niche in EM may lead to longevity in your career.



The Distracted Learner: Engage Them & Improve Your Teaching

Faculty: Christina L. Shenvi, MD, PhD, FACEP

Cognitive load theory is a framework for thinking about how an audience or learner processes information. With an understanding of cognitive load theory, you can become a much more effective educator. Cognitive load describes the intrinsic load, which is the actual information content, is what the teacher is trying to convey. The extraneous load is all the other things that are going on, from distractions and noise, to extraneous material. This talk will introduce the concepts of cognitive load theory, and show how you can apply them to supercharge your teaching whether at the lectern or at the bedside on your next shift.

- Develop a working understanding of the principles cognitive load theory.
- Apply cognitive load theory to PowerPoint slide design and oral presentations to make them more effective.
- Utilize the principles of cognitive load theory during clinical, one on one, bedside teaching to maximize learning.

The Flipped Classroom

Faculty: Creagh Boulger, MD, FACEP; J. Scott Wieters, MD, FACEP

Emergency medicine education is rapidly changing. Educators are constantly striving to find ways to deliver motivational, educational material outside the traditional classroom & lecture hall & in an environment that is stimulating. The concept of “flipping the classroom” isn’t a new one in education, but renewed interest in this teaching modality has been sparked in recent years by the popularity of the Khan Academy. The speakers will discuss how the flipped classroom approach can be utilized in emergency medicine education & how to use videos to motivate, stimulate, & educate learners. The speakers will introduce the topic & will then demonstrate how to make video screencasts for teaching.

- Discuss the use of video & screen casting as a novel way to teach “out” of the classroom.
- Describe an approach to developing materials for a ‘flip-the-classroom’ approach & how to implement.