2018-12-06: Fostering a Mindset of Lifelong Learning

The following links were shared during the chat:

- 4 phases to making goal of lifelong physician learner a reality
  https://wire.ama-assn.org/education/4-phases-making-goal-lifelong-physician-learner-reality
- Lifelong learning along the education and career continuum: meta-analysis of studies in health professions
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5611424/
- Assessing Physicians’ Orientation toward Lifelong Learning
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1831612/
- Strategies for Improving Learner Metacognition in Health Professional Education
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5468716/
- Make It Stick https://www.retrievalpractice.org/make-it-stick/
- Mindset https://mindsetonline.com/whatisit/about/

MedEd Chat @MedEdChat9 hours ago
Welcome to the #mededchat (US) I am your moderator for the next hour
@alliance4clined #meded

MedEd Chat @MedEdChat9 hours ago
The #mededchat topic & questions will be announced in a moment…for now, please introduce yourselves #meded

Brenda Roman @BJBRoman9 hours ago
Checking in from Chicago with □@admsep□ Council #mededchat
https://t.co/0to9insBnB

Gary Beck Dallaghan @GLBDallaghan9 hours ago
@MedEdChat Gary here…signing in from Chicago tonight! #mededchat #meded

MedEd Chat @MedEdChat9 hours ago
RT @BJBRoman: Checking in from Chicago with □@admsep□ Council #mededchat
https://t.co/0to9insBnB

ADMSEP @admsep9 hours ago
@BJBRoman @MedEdChat They should all be signed on to @Twitter tonight for #mededchat!
If you are tuning in to the #mededchat, remember to use the #meded AND #mededchat hashtag and try to answer with the Topic numbers (T1, T2, T3)

We will assume that all of your tweets are your own during this hour unless otherwise stated #meded #mededchat

Topic 1: Lifelong learning is described as an attribute involving self-initiated activities and information-seeking skills with motivation to learn and recognize one’s own learning needs. How is this taught? #mededchat #meded

T1 #mededchat @BillCutrerMD approaches it as master adaptive learning....planning, learning, assessing, and adjusting https://t.co/GOdIYZ9uyk

A1: Enthusiasm for learning is contagious--you need good role models as a learner to catch that. #mededchat #meded

Do you think #meded does a good job exemplifying that enthusiasm?

As #teachers, our job is to create the conditions that maximize the chances that learners will discover what they need to learn and the motivation to do so. Socrates said we should do that with important, beautiful questions. Writing them is the hard part. #meded #mededchat
@ArjaSateesh @MedEdChat T1 Any self-directed learning opportunities in the curriculum like PBL, journal clubs, and EBM courses can foster information seeking skills. Even unscheduled hours also can encourage self-directed learning #meded

@Alliance4ClinEd T1 #mededchat From this study it seems that students, residents, and attending physicians have orientations toward lifelong learning. Maybe we need to work ensuring we don’t burst enthusiasm for it. [https://t.co/rgODNozIws](https://t.co/rgODNozIws)

RT @GLBDallaghan: T1 #mededchat @BillCutrerMD approaches it as master adaptive learning....planning, learning, assessing, and adjusting ht...

RT @Alliance4ClinEd: T1 #mededchat From this study it seems that students, residents, and attending physicians have orientations toward lif...

RT @myheroistrane: As #teachers, our job is to create the conditions that maximize the chances that learners will discover what they need t...

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T1. #mededchat #meded creating a culture early in medical school is essential

@GLBDallaghan @ArjaSateesh @MedEdChat T1 Do you think the success of PBL is dependent on the facilitator? #medstudents often just want an answer....not understanding the goal is critically think and explore. How do you help faculty be better at this process? #mededchat #meded
T1 How do you suggest doing that? #mededchat

Model that we medical educators look things up to learn and teach and serve patients, not driven by an exam. #mededchat

RT @Kind4Kids: Model that we medical educators look things up to learn and teach and serve patients, not driven by an exam. #mededchat

T1: I can think of several specific attendings who do, but I think it's not the majority. It really is the key to being an effective teacher and creating curious and engaged learners/future docs and teachers. Twitter docs do a good job though. #selectionbias#mededchat #meded

#twitter is a great forum for life long learning and engaging in high quality scientific discussions on the latest breakthroughs and research in the field #meded #SoMe #mededchat #cme

RT @JessicaLuc1: #twitter is a great forum for life long learning and engaging in high quality scientific discussions on the...

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RT @myheroistrane: As #teachers, our job is to create the conditions that maximize the chances that learners will discover what they need t...
Dani Firman @danifirman 9 hours ago
@MedEdChat A1: I would suggest an experiential learning that simulate on implementing those steps. #mededchat #MedEd

Gary Beck Dallaghan @GLBDallaghan 9 hours ago
@danifirman @MedEdChat T1 #mededchat Do you have any specific ideas about how you simulate that? Have you seen examples in the literature about it?

Brenda Roman @BJBRoman 9 hours ago
@Alliance4ClinEd T1 #mededchat #meded. A flipped classroom model that requires students to read textbooks and do literature reviews. Do not spoon feed! Patients do not come with signs as to how to care for them!

MedEd Chat @MedEdChat 9 hours ago
RT @BJBRoman: @Alliance4ClinEd T1 #mededchat #meded. A flipped classroom model that requires students to read textbooks and do literature r…

Dr. Sateesh Arja @ArjaSateesh 9 hours ago
@GLBDallaghan @MedEdChat #meded T1 I agree with you. facilitator play an important role in the success of PBL. The facilitator is a spectator and can help the students only when students can’t define their own learning objectives for a particular case. Faculty should be trained by workshops #mededchat

Gary Beck Dallaghan @GLBDallaghan 9 hours ago
T2 More deliberate focus on teaching metacognitive skills is needed https://t.co/SNoh05urFk #mededchat #meded

Dr. Sateesh Arja @ArjaSateesh 9 hours ago
@MedEdChat #meded T1 self-assessment through formative assessments along with the faculty feedback also promote the self-regulated learning. Self-assessment and self-regulated learning are expected outcomes of higher education #mededchat
Paul Haidet @myheroistrane
T2: students have to want to learn, and so do we. We can role model the growth mindset, and this is a key ingredient in #Meded. #mededchat

MedEd Chat @MedEdChat
RT @ArjaSateesh: @MedEdChat #meded T1 self-assessment through formative assessments along with the faculty feedback also promote the self-r…

MedEd Chat @MedEdChat
RT @GLBDallaghan: T2 More deliberate focus on teaching metacognitive skills is needed https://t.co/SNoh05urFk #mededchat #meded

Brenda Roman @BJBRoman
@GLBDallaghan @WSUBoonshoftSOM requires that students read Make It Stick to help the students understand that many of the ways they “learned” in undergrad were ineffective. T2. #mededchat #meded

Terry Kind, MD MPH @Kind4Kids
Have a meaningful dashboard of student performance for self review and review with coaches or mentors #mededchat

Gary Beck Dallaghan @GLBDallaghan
@myheroistrane T2 Wouldn't you agree that we also need to have a culture in #meded that allows #medstudents freedom to be wrong? Fear of appearing to not know prevents them from honest appraisal of their abilities. #mededchat

Alliance4ClinEd @Alliance4ClinEd
@Kind4Kids T2 Would you recommend this be done with an academic coach? #mededchat

MedEd Chat @MedEdChat
RT @BJBRoman: @GLBDallaghan @WSUBoonshoftSOM requires that students read Make It Stick to help the students understand that many of the way…
@GLBDallaghan: @BJBRoman @WSUBoonshoftSOM What about Mindset? Do you think that would help as well? [link]

@MedEdChat: RT @GLBDallaghan: @BJBRoman @WSUBoonshoftSOM What about Mindset? Do you think that would help as well? [link]

@BJBRoman: @myheroistrane Most definitely. We need to foster a safe environment in which to fail or admit that one does not know. We do this partly through peer instruction in our #lectureless curriculum @WSUBoonshoftSOM #mededchat #meded

@GLBDallaghan: @BJBRoman @myheroistrane @WSUBoonshoftSOM Have you researched the impact of peer instruction on #medstudent learning? Just curious if you've identified changes in #medstudent behaviours based on this process. #mededchat

@MedEdChat: #meded

Kolb’s reflective and experiential learning can foster the students to identify their gaps in skills and attitudes. I also encourage peer-assessment which can promote the skills of students to identify the gaps. T2 #mededchat

@BJBRoman: @myheroistrane @WSUBoonshoftSOM We are in the process of doing so. Most students are now saying that they don't learn enough in sessions in which faculty talk too much #mededchat #Meded

@MedEdChat: Topic 3: How do we foster the appropriate mindset to perceive #feedback and self-reflection as opportunities to be the best doctor possible? #mededchat #meded

@GLBDallaghan: @MedEdChat T3 This question points directly at the need for role modeling of the behaviours we want in our #medstudents #mededchat
Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@MedEdChat T1 One question comes to mind about this. Does the preceptor's mindset influence that of the student? Thoughts? #mededchat

Dr. Sateesh Arja @ArjaSateesh 8 hours ago
@MedEdChat #meded T3 As long as we provide the effective, specific, and timely feedback, then feedback can be perceived well by the students #mededchat

Paul Haidet @myheroistrane 8 hours ago
T3: I sometimes worry that we spend too much energy teaching folks how to GIVE feedback and not enough on how to RECEIVE feedback #mededchat

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@ArjaSateesh @MedEdChat T3 Why are faculty members so timid about giving #feedback that is specific and actionable? #mededchat

MedEd Chat @MedEdChat 8 hours ago
RT @myheroistrane: T3: I sometimes worry that we spend too much energy teaching folks how to GIVE feedback and not enough on how to RECEIVE…

MedEd Chat @MedEdChat 8 hours ago
We have about 5 more minutes left in our discussion. Please feel free to give some final thoughts #meded #mededchat

Dr. Sateesh Arja @ArjaSateesh 8 hours ago
RT @GLBDallaghan: @ArjaSateesh @MedEdChat T3 Why are faculty members so timid about giving #feedback that is specific and actionable? #meded…

Carrie Bowler @cabowler 8 hours ago
@myheroistrane We actually have do workshops to focus on the giving and receiving of feedback #mededchat

MedEd Chat @MedEdChat 8 hours ago
Join us again next week at 9 pm Thursday. Don't forget to suggest topics by DM or email #meded #mededchat
Brenda Roman @BJBRoman 8 hours ago
@myheroistrane And how to effectively develop an action plan to improve from that feedback #MedEdChat #meded

MedEd Chat @MedEdChat 8 hours ago
That’s a wrap…I will post the #mededchat transcript tomorrow morning on https://t.co/mJivoKroXx on the Resources page. Thanks everyone for participating! #meded

Dr. Sateesh Arja @ArjaSateesh 8 hours ago
@GLBDallaghan @MedEdChat #meded I think main reason is lack of knowledge on how to give feedback. This can be corrected by training and faculty development activities on how to provide specific, corrective, and actionable feedback. #mededchat

Carrie Bowler @cabowler1 8 hours ago
@GLBDallaghan @myheroistrane I think it is also in the art of facilitating discussion and the intent in #mede #mededchat

Jigar Contractor @JigsyMD 8 hours ago
RT @myheroistrane: T3: I sometimes worry that we spend too much energy teaching folks how to GIVE feedback and not enough on how to RECEIVE…

Derek Monette, MD @DerekMonetteMD 8 hours ago
@MedEdChat A3: I try to create psych safety first w/ short anecdote of a mistake I’ve made. I relate the mistake to feedback I’m about to give. It (hopefully) reminds the learner that we are all human + improving, & feedback = for growth, not assessment. #MedEdChat #MedEd

Dr Julie Johnstone @juliecjgraham 7 hours ago
RT @MedEdChat: Topic 3: How do we foster the appropriate mindset to perceive #feedback and self-reflection as opportunities to be the best…

Sara Donetto @SaraDonetto 5 hours ago
RT @myheroistrane: T3: I sometimes worry that we spend too much energy teaching folks how to GIVE feedback and not enough on how to RECEIVE…
Sara Donetto @SaraDonetto 5 hours ago
RT @myheroistrane: As #teachers, our job is to create the conditions that maximize the chances that learners will discover what they need t…

Lonika Sood, MD, MHPE @sood_lonika 4 hours ago
@GLBDallaghan @ArjaSateesh @MedEdChat I have often thought about this in CBL... anecdotally students perceive that they learn better with a clinician #MedEdChat

Lonika Sood, MD, MHPE @sood_lonika 4 hours ago
@MedEdChat T1: through apprenticeship #mededchat

Lonika Sood, MD, MHPE @sood_lonika 4 hours ago
@GLBDallaghan @ArjaSateesh @MedEdChat A3: not well practiced in the field... how many of us have received smart and actionable feedback as attendings #mededchat #hiddencurriculum