2019-05-02: Educational Climate Inventory: Measuring Students' Perceptions

The following links were shared during the chat:

- The Educational Climate Inventory: Measuring Students’ Perceptions of the Preclerkship and Clerkship Settings https://doi.org/10.1097/ACM.00000000000001730
- Sample 50-Item Survey Instrument Sent to Preclerkship Students During Development of the Educational Climate Inventory, Spring 2014 http://links.lww.com/ACADMED/A452
- Characterizing the Patient-centeredness of Hidden Curricula in Medical Schools: Development and Validation of a New Measure https://www.ncbi.nlm.nih.gov/m/pubmed/15618092/

---

**MedEd Chat @MedEdChat** 9 hours ago
Welcome to the #mededchat (US) I am your moderator for the next hour @alliance4clined #meded

**MedEd Chat @MedEdChat** 9 hours ago
If you are tuning in to the #mededchat, remember to use the #mededchat hashtag and try to answer with the Topic numbers (T1, T2, T3)

**MedEd Chat @MedEdChat** 9 hours ago
We will assume that all of your tweets during #mededchat are your own during this hour unless otherwise stated #meded

**Gary Beck Dallaghan @GLBDallaghan** 9 hours ago
@MedEdChat @Alliance4ClinEd Gary here in North Carolina! #mededchat

**MedEd Chat @MedEdChat** 9 hours ago
T1 about to come up in a few moments #meded #mededchat

**MedEd Chat @MedEdChat** 9 hours ago
TOPIC 1: Learning environment issues concern #mededucators. What are critical items to consider when evaluating the learning environment? #mededchat

**Alliance4ClinEd @Alliance4ClinEd** 9 hours ago
@MedEdChat T1 #medstudent engagement in patient care; learning environment culture is welcoming to learners #mededchat

**Gary Beck Dallaghan @GLBDallaghan** 9 hours ago
@MedEdChat T1 Ability of learner to be fully integrated into learning environment. Not enough for preceptor to welcome learners....but also other clinic staff #mededchat
T1: can't just “evaluate the learning environment” ... have to measure the learning environment with respect to SOMETHING, such as #patientcenteredcare, #evidencebasedmedicine, etc. #meded #mededchat

RT @myheroistrane: T1: can't just “evaluate the learning environment” ... have to measure the learning environment with respect to SOMETHING...

T1 What would it look like to measure the learning environment with respect to #evidencebasedmedicine? #mededchat

How do people act? Do they use/value/teach evidence when making decisions? #MedEdChat

TOPIC 1: Learning environment issues concern #mededucators. What are critical items to consider when evaluating the learning environment with respect to SOMETHING...

Interesting ideas. We often ask #medstudents to rate the learning environment. Do you feel they would pick up on these nuances? #mededchat

What are the important learner- and patient-centered outcomes, and how can we evaluate that the learning environment is set up to produce those outcomes? #mededchat

So sorry forgot to place #MedEdChat on these 2 comments.
MedEd Chat @MedEdChat 9 hours ago
RT @SAsherMD: @MedEdChat T1 What are the important learner- and patient-centered outcomes, and how can we evaluate that the learning enviro…

Sateesh Arja, MD, MPH @ArjaSateesh 9 hours ago
@MedEdChat #mededchat T1 I believe biggest challenge is learners being intimidated by educators or other staff members like nursing staff. Need to develop fear free environment. Mutual respect is critical #meded

Alliance4ClinEd @Alliance4ClinEd 9 hours ago
RT @ArjaSateesh: @MedEdChat #mededchat T1 I believe biggest challenge is learners being intimidated by educators or other staff members lik…

MedEd Chat @MedEdChat 9 hours ago
TOPIC 2: The Educational Climate Inventory approaches the learning environment through the lens of learning- or performance-oriented. As #mededucators, what should be the focus? #mededchat

MedEd Chat @MedEdChat 9 hours ago
T1 I pulled this question from this article https://t.co/uOS6TmsMmn where learning-oriented seems to be growth mindset-esque and performance more fixed #mededchat

Paul Haidet @myheroistrane 9 hours ago
We created one of the first tools to quantify the hidden curriculum with respect to #patientcenteredcare in #meded #mededchathttps://t.co/U1IWqHu2me

Shellie Asher, MD @SAsherMD 9 hours ago
@MedEdChat T2 Depends whether “performance” is actually measuring something important to the outcomes we care about… #mededchat

Sateesh Arja, MD, MPH @ArjaSateesh 9 hours ago
@MedEdChat #mededchat T2 I favor learning oriented. Learners should learn every aspect of clinical education irrespective of being observed. I wish there will be no grades only P/F even in clerkships to promote collaborative behaviors. But clerkship grades are required by program directors.

MedEd Chat @MedEdChat 9 hours ago
RT @myheroistrane: We created one of the first tools to quantify the hidden curriculum with respect to #patientcenteredcare in #meded #mede…
Shellie Asher, MD @SAsherMD 9 hours ago
@MedEdChat T2 Both are important - don't want to be stagnant (learning is necessary) but also need to know you're moving in the desired direction (performance). #mededchat

Alliance4ClinEd @Alliance4ClinEd 9 hours ago
RT @SAsherMD: @MedEdChat T2 Both are important - don't want to be stagnant (learning is necessary) but also need to know you're moving in t...

MedEd Chat @MedEdChat 9 hours ago
RT @SAsherMD: @MedEdChat T2 Both are important - don't want to be stagnant (learning is necessary) but also need to know you're moving in t...

Gary Beck Dallaghan @GLBDallaghan 8 hours ago
@SAsherMD @MedEdChat T2 I agree with you. I don't think this an either or proposition. There is a time and place for both learner-focused and performance-focused effort #mededchat

MedEd Chat @MedEdChat 8 hours ago
T2 If performance-oriented learning relates to more of a fixed mindset, is that really a behavior we want from #medstudents? #mededchat

MedEd Chat @MedEdChat 8 hours ago
TOPIC 3: Many #medstudents prefer performance-oriented learning in clinical rotations. How could you reframe that mindset to focus more on mastery? #mededchat #meded

Patrick D. Herron @pdherron 8 hours ago
RT @MedEdChat: Join the #MedEdChat Thursday night at 9PM Eastern/NYC. We'll be discussing the learning environment, which seems to be an el...

Shellie Asher, MD @SAsherMD 8 hours ago
@MedEdChat T3: I think if as educators we did a better job of giving clear feedback and helping learners know what they need to do next, learners would not be as grade/performance-oriented. #mededchat

Frank Cacace MD FACP @cacace_frank 8 hours ago
@MedEdChat T2 #mededchat I do think if a student/intern is in an environment in which binary right/wrong answers are flatly discussed, and minutiae memorization is lauded, it's 'fixed' minded. More 'yet' to fill that gap thinking comes in spaces where journey >> 'right'.
Shellie Asher, MD @SAsherMD 8 hours ago
@MedEdChat T3: Would also require some sort of reform to the residency application system. PDs have very little other than grades to distinguish applicants. #mededchat

Gary Beck Dallaghan @GLBDallaghan8 hours ago
@SAsherMD @MedEdChat T3 Is it #feedback? Or should it be more like #coaching? https://t.co/C1x8fu0MFs #mededchat

Alliance4ClinEd @Alliance4ClinEd8 hours ago
@MedEdChat T3 Is the reason for performance-oriented learning during clinical rotations related to grading? Need to prove themselves for attendings? #mededchat

Paul Haidet @myheroistrane8 hours ago
T3 have to connect mastery to clinical effectiveness. I still believe that, in this day and age, students still want to be good doctors. #mededchat

Patrick D. Herron @pdherron8 hours ago
RT @GLBDallaghan: @SAsherMD @MedEdChat T3 Is it #feedback? Or should it be more like #coaching? https://t.co/C1x8fu0MFs #mededchat

Frank Cacace MD FACP @cacace_frank8 hours ago
@SAsherMD @MedEdChat T3 : #mededchat Alignment of step1 is major impediment to getting past performance > learning, true. ?pass/fail would lead to application screening overhaul, a lot more work.

MedEd Chat @MedEdChat8 hours ago
RT @myheroistrane: T3 have to connect mastery to clinical effectiveness. I still believe that, in this day and age, students still want to...

MedEd Chat @MedEdChat8 hours ago
RT Deb Simpson @debsimpson3 Replying to @GLBDallaghan @SAsherMD @MedEdChat T3 key difference is purpose of #feedback. Distinguish feedback for learning vs feedback for assessment. #mededchat

Frank Cacace MD FACP @cacace_frank8 hours ago
@MedEdChat T3 : have to recalibrate preceptors to constantly expect/reframe/reinforce/celebrate thought process and remind how much more of a lasting service to patients it represents. Multiple choice thinking has to be extinguished on early rotations #mededchat
Deb Simpson @debsimpson38 hours ago
T3 perhaps need to reframe as this appears to be externally focused (grades) rather than students desires to be excellent clinicians. Look to work of the pilot program of early acceptance to Pediatrics gme as evidence of success. #MedEdChat

MedEd Chat @MedEdChat8 hours ago
RT @cacace_frank: @MedEdChat T3 : have to recalibrate preceptors to constantly expect/reframe/reinforce/celebrate thought process and remin…

MedEd Chat @MedEdChat8 hours ago
We have about 5 more minutes left in our discussion. Please feel free to give some final thoughts meded mededchat

Gary Beck Dallaghan @GLBDallaghan8 hours ago
Final thoughts...I'm fascinated by the fact that we understand the importance of fostering growth mindsets yet continue to utilize assessments or benchmarks that seem to undermine that. Something to ponder.... #mededchat

MedEd Chat @MedEdChat8 hours ago
Join us again next week at 9 pm Thursday. Don't forget to suggest topics by DM or email meded mededchat

MedEd Chat @MedEdChat8 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

Frank Cacace MD FACP @cacace_frank8 hours ago
@MedEdChat mededchat Think performance-grades/fixed : learning/growth was a gr8 reflective topic. So maybe we concentrate on taking performance primed learner and shifting the ‘performance’ scoring 2things like empathy/SDH appreciation/team citizenship/literacy sensitivity/teachback

Frank Cacace MD FACP @cacace_frank7 hours ago
RT @GLBDallaghan: Final thoughts...I’m fascinated by the fact that we understand the importance of fostering growth mindsets yet continue t…

Suzanne Minor, MD @minor_se7 hours ago
T1 psychological safety for all students, including varied cultures, genders, religions. The sweet spot of learning of slight discomfort but not too extreme.
Rose Webster @GetMyGist
Hmmm, got another one of these. #TwitterPoll for #MedEd #MedEdChat #WomenInScience #WomenInSTEM #Ophthalmology #Cornea #glaucoma#Retinal #infectious #bacteria #Wolbachia #rickettsia #onchocerciasis #uveal #ocular #Melanoma #MelanomaAwarenessMonth #rare #eye #Cancer#cluster https://t.co/IVAgGdZV07

philip harris @ENTMidMichigan
RT @laurelfick: Major #fomo for not participating in amazing #medtwitter chats like #womeninmedicine #somedocs #medchat #medhum and other…