

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.0000000000001730>
- 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/>
- Coaching in Medical Education: A Faculty Handbook <https://www.ama-assn.org/education/accelerating-change-medical-education/coaching-medical-education-faculty-handbook>



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](#)

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 [@MedEdChat9 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 [@GLBDallaghan9 hours ago](#)

[@MedEdChat](#) [@Alliance4ClinEd](#) Gary here in North Carolina! [#mededchat](#)



MedEd Chat [@MedEdChat9 hours ago](#)

T1 about to come up in a few moments [#meded](#) [#mededchat](#)



MedEd Chat [@MedEdChat9 hours ago](#)

TOPIC 1: Learning environment issues concern [#meded](#) ucators. What are critical items to consider when evaluating the learning environment? [#mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd9 hours ago](#)

[@MedEdChat](#) T1 [#medstudent](#) engagement in patient care; learning environment culture is welcoming to learners [#mededchat](#)



Gary Beck Dallaghan [@GLBDallaghan9 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](#)



Paul Haidet [@myheroistrane9 hours ago](#)

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](#)



MedEd Chat [@MedEdChat9 hours ago](#)

RT [@myheroistrane](#): T1: can't just "evaluate the learning environment" ... have to measure the learning environment with respect to SOMETHIN...



Gary Beck Dallaghan [@GLBDallaghan9 hours ago](#)

[@myheroistrane](#) T1 What would it look like to measure the learning environment with respect to [#evidencebasedmedicine](#) ?[#mededchat](#)



Paul Haidet [@myheroistrane9 hours ago](#)

[@GLBDallaghan](#) How do people act? Do they use/value/teach evidence when making decisions? [#MedEdChat](#)



MedEdBot [@MedEdBot9 hours ago](#)

RT [@MedEdChat](#): TOPIC 1: Learning environment issues concern [#meded](#) ucators. What are critical items to consider when evaluating the learnin...



MedEdBot [@MedEdBot9 hours ago](#)

RT [@myheroistrane](#): T1: can't just "evaluate the learning environment" ... have to measure the learning environment with respect to SOMETHIN...



Gary Beck Dallaghan [@GLBDallaghan9 hours ago](#)

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



Shellie Asher, MD [@SAsherMD9 hours ago](#)

[@MedEdChat](#) T1 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](#)



Frank Cacace MD FACP [@cacace_frank9 hours ago](#)

[@MedEdChat](#) [@NorthwellDGIM](#) So sorry forgot to place [#MedEdChat](#) on these 2 comments.



MedEd Chat [@MedEdChat9 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 [@AriaSateesh9 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 [@Alliance4ClinEd9 hours ago](#)

RT [@AriaSateesh](#): [@MedEdChat](#) [#mededchat](#) T1 I believe biggest challenge is learners being intimidated by educators or other staff members lik...



MedEd Chat [@MedEdChat9 hours ago](#)

TOPIC 2: The Educational Climate Inventory approaches the learning environment through the lens of learning- or performance-oriented. As [#meded](#) ucators, what should be the focus? [#mededchat](#)



MedEd Chat [@MedEdChat9 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 [@myheroistrane9 hours ago](#)

We created one of the first tools to quantify the hidden curriculum with respect to [#patientcenteredcare](#) in [#meded](#) [#mededchat](#)<https://t.co/U1IWgHu2me>



Shellie Asher, MD [@SAsherMD9 hours ago](#)

[@MedEdChat](#) T2 Depends whether “performance” is actually measuring something important to the outcomes we care about... [#mededchat](#)



Sateesh Arja, MD, MPH [@AriaSateesh9 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 [@MedEdChat9 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 [@SAsherMD9 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 [@Alliance4ClinEd9 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 [@MedEdChat9 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 [@GLBDallaghan8 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 [@MedEdChat8 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 [@MedEdChat8 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 [@pdherron8 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 [@SAsherMD8 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 frank8 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 [@SAsherMD8 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](#) [8 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 [@MedEdChat](#) [8 hours ago](#)

RT [@cacace frank](#): [@MedEdChat](#) T3 : have to recalibrate preceptors to constantly expect/reframe/reinforce/celebrate thought process and remin...



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](#)



Gary Beck Dallaghan [@GLBDallaghan](#) [8 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 [@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](#)



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](#)



Frank Cacace MD FACP [@cacace frank](#) [8 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 frank](#) [7 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 se](#) [7 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 [@GetMyGist5 hours ago](#)



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 [@ENTMidMichigan2 hours ago](#)



RT [@laurelfick](#): Major [#fomo](#) for not participating in amazing [#medtwitter](#) chats like [#womeninmedicine](#) [#somedocs](#) [#mededchat](#) [#medhum](#) and other...