

2018-05-10: Tools & Strategies for Promoting Learner Development across Generations of Learners

Resources mentioned in the chat are listed below:

- Mentoring Millennials <https://jamanetwork.com/journals/jama/fullarticle/2678619>
- The Myths of the Digital Native and the Multitasker <https://www.sciencedirect.com/science/article/pii/S0742051X16306692>
- Milestones and Millennials: A Perfect Pairing – Competency-based Medical Education and the Learning Preferences of Generation Y [http://www.mayoclinicproceedings.org/article/S0025-6196\(16\)30690-5/fulltext](http://www.mayoclinicproceedings.org/article/S0025-6196(16)30690-5/fulltext)
- Millennials, Goldfish & Other Training Misconceptions: Debunking Learning Myths and Superstitions https://www.amazon.com/dp/1947308378/ref=cm_sw_r_cp_api_i_8.o9AbHHC8HCG
- Medical Education Needs of the Millennial Generation <http://www.enttoday.org/article/medical-education-needs-of-the-millennial-generation/?singlepage=1>
- A Systematic Review of the Effectiveness of Flipped Classrooms in Medical Education <https://onlinelibrary.wiley.com/doi/full/10.1111/medu.13272>
- Mind the Gap: Generational Differences in Medical Education <http://www.gegensatzpress.com/gap.html>
- Generational Differences in Medical Education: Can We All Just Get Along? <https://t.co/Cnh8iEdees>
- If You're So Successful, Why Are You Still Working 708 Hours a Week? https://hbr.org/2018/02/if-youre-so-successful-why-are-you-still-working-70-hours-a-week?utm_campaign=hbr&utm_source=twitter&utm_medium=social



MedEd Chat @MedEdChat9 hours ago

Welcome to the Medical Education chat (US) I am your moderator for the next hour, @alliance4clined #meded



MedEd Chat @MedEdChat9 hours ago

The topic & questions will be announced in a moment...for now, please introduce yourselves #meded



Anthony R Artino Jr @mededdoc9 hours ago

@MedEdChat Let's do this! #meded



MedEd Chat @MedEdChat9 hours ago

If you are tuning in to the #meded chat, remember to use the #meded hashtag and try to answer with the Topic numbers (T1, T2, T3)



Gary Beck Dallaghan @GLBDallaghan9 hours ago

@MedEdChat #meded Gary here in Omaha



MedEd Chat @MedEdChat9 hours ago

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



Marty Muntz @mmteacherdoc9 hours ago

Marty from Milwaukee here - excited for a great #MedEd chat topic!



MedEd Chat @MedEdChat9 hours ago

Topic 1: What are some intergenerational conflicts that may inhibit learning in pre-clinical & clinical settings? [#meded](#)



Alliance4ClinEd @Alliance4ClinEd9 hours ago

T1 [#meded](#) What generational differences impact teaching and learning in the classroom or clinics?



Gary Beck Dallaghan @GLBDallaghan9 hours ago

[@MedEdChat](#) T1 [#meded](#) After doing some work related to this topic, it seems the greatest barriers revolve around communicating expectations.



Wendy Hobson-Rohrer @DrWendyHR9 hours ago

[@MedEdChat](#) Hello I'm joining for the first time instead of reading the next day - thanks for hosting [#MedEd](#)



Marty Muntz @mmteacherdoc9 hours ago

T1 - going to lecture vs watching online at 1.5x speed when convenient. [#MedEd](#)



A.J. Kleinheksel @AJKleinhex9 hours ago

Good evening! A.J. from Augusta, jumping in a little late. [#meded](#)



Anthony R Artino Jr @mededdoc9 hours ago

T1 some would say the idea of "digital natives" vs. "digital immigrants" is an important difference. But I'm not convinced! [#meded](#) <https://t.co/jDvekOq577>



Alliance4ClinEd @Alliance4ClinEd8 hours ago

[@mmteacherdoc](#) T1 [#meded](#) How do you think that impacts learning? Do you feel as a teacher if the room is nearly empty you've wasted your time?



Marty Muntz @mmteacherdoc8 hours ago

Clinical - many center around EMR & duty hours. [#MedEd](#)



Alliance4ClinEd @Alliance4ClinEd8 hours ago

[@mededdoc](#) T1 [#meded](#) I think skepticism is a good thing. There seems to be an assumption that the Millennial generation prefers digital delivery over all else.



Anthony R Artino Jr @mededdoc8 hours ago

[@Alliance4ClinEd](#) [@mmteacherdoc](#) I think it's hard not to! [#meded](#)



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): T1 some would say the idea of “digital natives” vs. “digital immigrants” is an important difference. But I’m not convinced! #...



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@Alliance4ClinEd](#): [@mededdoc](#) T1 [#meded](#) I think skepticism is a good thing. There seems to be an assumption that the Millennial generatio...



Marty Muntz [@mmteacherdoc8 hours ago](#)

[@Alliance4ClinEd](#) It doesn’t bother me so much, bc I’m used to interactive formats & small groups in clerkships/clinical teaching. It bothers others, though. [#MedEd](#)



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@Alliance4ClinEd](#) And even if they did, this doesn’t imply it’s necessarily the best learning option! [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@mmteacherdoc](#) T1 [#meded](#) The duty hours are an issue. If nothing else, I think my generation can learn about work-life balance from the Millennials.



A.J. Kleinhessel [@AJKleinhex8 hours ago](#)

T1 The biggest generational difference in my experience is a lack of shared cultural touchstones. Nothing kills the class momentum like a Billy Madison reference that falls flat. Kidding! (But not really.) [#meded](#) <https://t.co/lnJ3jKn58>



Paul Haidet [@myheroistrane8 hours ago](#)

Today’s generation is under so much pressure to perform; no wonder we see the behaviors we do in [#meded](#) - time to do something about this, like [#MakeUSMLEPassFail](#)



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@Alliance4ClinEd](#) But the preponderance of the evidence that I know of suggests that there is not a single new generation of students with similar preferences distinct from prior cohorts! [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

[@mmteacherdoc](#) T1 [#meded](#) What could be done to help the older generation not be upset by [#medstudents](#) preferring online lectures?



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): [@Alliance4ClinEd](#) But the preponderance of the evidence that I know of suggests that there is not a single new generation of s...



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@AJKleinhex](#): T1 The biggest generational difference in my experience is a lack of shared cultural touchstones. Nothing kills the class m...



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@Alliance4ClinEd](#) And believe it or not, modern learners often lack the computer skills needed to succeed in a technology-rich learning environment! (see, for example, Jones 2011 and Kirschner 2013). [#meded](#)



Marty Muntz [@mmteacherdoc8 hours ago](#)

[@Alliance4ClinEd](#) But it would bother me if I were lecturing. I wouldn't be mad at the students, but the system for not allowing me to record & reuse. [#MedEd](#)



Celeste Royce [@croyce628 hours ago](#)

[@MedEdChat](#) [#meded](#) am constantly amazed by the energy, sincerity and optimism of students. So many med students have already made major contributions in various endeavors. I worry they are so high achieving they will burn out.



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): [@Alliance4ClinEd](#) And believe it or not, modern learners often lack the computer skills needed to succeed in a technology-rich...



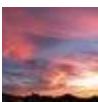
Stephanie Starr [@StephRStarr8 hours ago](#)

T1: Our MS1s are more interested in learning from/with their peers as they problem solve, with faculty to add context, pose [#meded](#) questions <https://t.co/Hio0QpXc2B>



Janelle Bludorn [@JanelleRBlu8 hours ago](#)

[@MedEdChat](#) T1: Feedback! Feedback! Feedback! Anecdotally, learner age has an inverse relationship to desired frequency of feedback. [#MedEd](#)



Paul Haidet [@myheroistrane8 hours ago](#)

[@GLBDallaghan](#) [@mmteacherdoc](#) Every generation has their issue... ours was work life balance. This next generation's might be altruism. We need to teach to their issues, not ours. [#meded](#)



Stephanie Starr [@StephRStarr8 hours ago](#)

T1 Even we have generational differences - my Mel Brooks History of the World reference fell flat (no surprise) [#meded](#) <https://t.co/sUVM9yu9Kj>



Lisa Lee PhD [@LLCoolProf8 hours ago](#)

[@Alliance4ClinEd](#) [@mmteacherdoc](#) A paradigm shift of using the contact hours for problem-solving, clinical/real-world application exercises, working on competencies outside of knowledge [#meded](#)



Anthony R Artino Jr [@mededdoc](#) 8 hours ago

Much like the "adult learner," the "millennial learner" may be a mythical creature! :) [#meded](#)



Ian Pereira [@IanJPereira](#) 8 hours ago

[@mededdoc](#) [@Alliance4ClinEd](#) Curious if there is evidence suggesting digital is preferred or better for [#MedEd](#). T1 [#SorryForBeingLate!](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@JanellerBlu](#): [@MedEdChat](#) T1: Feedback! Feedback! Feedback! Anecdotally, learner age has an inverse relationship to desired frequency of...



Janelle Bludorn [@JanellerBlu](#) 8 hours ago

[@MedEdChat](#) If you've got a cohort of heterogeneous age, it will be difficult to satisfy all of their feedback frequency desires. [#MedEd](#)



Daniel Cabrera [@CabreraERDR](#) 8 hours ago

RT [@mededdoc](#): Much like the "adult learner," the "millennial learner" may be a mythical creature! :) [#meded](#)



Marty Muntz [@mmteacherdoc](#) 8 hours ago

[@Alliance4ClinEd](#) Allow them to record lectures & revise/reuse year by year - and be available to answer questions asynchronously. [#MedEd](#)



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

RT [@mmteacherdoc](#): [@Alliance4ClinEd](#) Allow them to record lectures & revise/reuse year by year - and be available to answer questions asynchr...



Anthony R Artino Jr [@mededdoc](#) 8 hours ago

See, for example, <https://t.co/0RyoOXC7d7> [#meded](#)



Poonam Sharma [@PoonamSS](#) 8 hours ago

[@JanellerBlu](#) [@MedEdChat](#) T1: agree with [@JanellerBlu](#) ! Amazes me how often younger learners want to receive AND to give feedback. Pushes me to do better! [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@mededdoc](#): See, for example, <https://t.co/0RyoOXC7d7> [#meded](#)



A.J. Kleinheksel [@AJKleinhex](#) 8 hours ago

[@mededdoc](#) T1 I don't believe in the concept of digital natives either (many in Ed Tech don't). But even if you did, assuming it's a generational trait ignores the experiences of rural and low SES students with no

access to internet or digital devices. Very problematic. [#MedEd](#)



Anthony R Artino Jr [@mededdoc](#) 8 hours ago

[@IanJPereira](#) [@Alliance4ClinEd](#) Not much strong evidence that I'm aware of. Most of the literature amounts to opinion/thought pieces. Not much empirical work! [#meded](#)



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

[@AJKleinhex](#) [@mededdoc](#) T1 [#meded](#) Good point. That brings up a question I've had. Are Millennial traits more prominent depending on where you grew up? I've noticed many of our [#medstudents](#) from rural areas don't exhibit these traits.



Marty Muntz [@mmteacherdoc](#) 8 hours ago

[@mededdoc](#) Absolutely! Stereotyping is no cooler in [#MedEd](#) than in other aspects of life.



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@PoonamSS](#): [@JanelleRBlu](#) [@MedEdChat](#) T1: agree with [@JanelleRBlu](#) ! Amazes me how often younger learners want to receive AND to give feedb...



Wendy Hobson-Rohrer [@DrWendyHR](#) 8 hours ago

T1 - I'm slow on the uptake, clearly not a digital native. We need to set expectations for and from the learners and give and receive feedback - after defining it. "I'm going to give you some FEEDBACK" [#meded](#)



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@GLBDallaghan](#): [@AJKleinhex](#) [@mededdoc](#) T1 [#meded](#) Good point. That brings up a question I've had. Are Millennial traits more prominent dep...



Janelle Bludorn [@JanelleRBlu](#) 8 hours ago

RT [@PoonamSS](#): [@JanelleRBlu](#) [@MedEdChat](#) T1: agree with [@JanelleRBlu](#) ! Amazes me how often younger learners want to receive AND to give feedb...



MedEd Chat [@MedEdChat](#) 8 hours ago

RT [@DrWendyHR](#): T1 - I'm slow on the uptake, clearly not a digital native. We need to set expectations for and from the learners and give a...



Stephanie Starr [@StephRStarr](#) 8 hours ago

RT [@mmteacherdoc](#): [@mededdoc](#) Absolutely! Stereotyping is no cooler in [#MedEd](#) than in other aspects of life.



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@GLBDallaghan](#) [@AJKleinhex](#) Good question! I'm not sure. It's a researchable question tho! [#meded](#)



Wendy Hobson-Rohrer [@DrWendyHR8 hours ago](#)

T1 As a teacher, I need to understand that learners may be looking up info, and not just surfing the web. Is important to engage in thinking in an inperson setting. [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@mededdoc](#) [@AJKleinhex](#) T1 [#meded](#) It would require a much more qualitative approach. Maybe we could get [@LaraVarpio](#) interested in this.



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

T2 [#meded](#) What can be done to bridge the generational divide in learning environments? Is it all on the educator to bridge that gap?



MedEd Chat [@MedEdChat8 hours ago](#)

Topic 2: What recommendations do you have to bridge differences in generational expectations to enhance learning in pre-clinical settings? [#meded](#)



A.J. Kleinhessel [@AJKleinhex8 hours ago](#)

[@mededdoc](#) [@GLBDallaghan](#) This is the next book on my reading list: <https://t.co/hXHBKVUNjF> [#MedEd](#)



Justin [@Justinrt44448 hours ago](#)

T1 - Now I'm on the upper edge of millennialism , but I gotta say, antidotally, the necessity of digitization of the educational process has been more assumed as necessity than truth, i.e./ a lot of my colleagues dont care for reading digital media. [#meded](#)



Anthony R Artino Jr [@mededdoc8 hours ago](#)

T1: More to the point: Any of the strategies proposed to meet millennials' needs are specific implementations of principles known to promote learning for learners of ALL generations, such as activation of prior knowledge, spaced learning, test-enhanced learning, etc! [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@Alliance4ClinEd](#) T2 [#meded](#) This article suggests the teacher-student relationship is much more casual. There are times I don't know if that's such a good thing. <https://t.co/l4NRAV6gRI>



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): T1: More to the point: Any of the strategies proposed to meet millennials' needs are specific implementations of principles k...



Alliance4ClinEd @Alliance4ClinEd 8 hours ago

RT @mededdoc: T1: More to the point: Any of the strategies proposed to meet millennials' needs are specific implementations of principles k...



Marty Muntz @mmteacherdoc 8 hours ago

This @Gurpreet2015 article is one of my faves. "Each aging cohort looks upon the youth & believes they have identified a fundamental change in the species."

Priceless. #MedEd <https://t.co/IIHn2JkTba> <https://t.co/7KOdOGsUG2>



Stephanie Starr @StephRStarr 8 hours ago

T2: Effective teaching and learning requires relationships - so both sides have some responsibility but teacher > #meded learner <https://t.co/zfPjiRueue>



Anthony R Artino Jr @mededdoc 8 hours ago

T2: the best thing we can do to bridge the gap is to use teaching learning principles are evidence-based! #meded



Celeste Royce @croyce628 8 hours ago

@GLBDallaghan @MedEdChat @AJKleinhex @mededdoc T1 #meded I don't think that urban environments promote more digital involvement- purely my observation of students, family members, etc but folks living in rural areas need more connectivity to succeed.



MedEd Chat @MedEdChat 8 hours ago

@mededdoc T2 #meded Based on this article there is an implication that #CBME is the best approach for Millennial education. Thoughts? <https://t.co/1p0m30EKgX>



MedEd Chat @MedEdChat 8 hours ago

RT @mededdoc: T2: the best thing we can do to bridge the gap is to use teaching learning principles are evidence-based! #meded



Ian Pereira @IanJPereira 8 hours ago

@mmteacherdoc @Alliance4ClinEd Interesting point. Some schools use reusable online modules. Can this allow more effective learning forms with the time lecturers and students have face-to-face? #MedEd T1



MedEd Chat @MedEdChat 8 hours ago

RT @StephRStarr: T2: Effective teaching and learning requires relationships - so both sides have some responsibility but teacher > #meded l...



Marty Muntz @mmteacherdoc 8 hours ago

T2- it's on all of us to co-create the clinical learning environment. In fact, I'd say I have more confidence that the learners and junior docs can guide this change. #MedEd



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

RT [@StephRStarr](#): T2: Effective teaching and learning requires relationships - so both sides have some responsibility but teacher > [#meded](#) l...



Justin [@Justinrt44448 hours ago](#)

T2 - Flexibility of thought on both sides of the intergenerational divide is pivotal. The teacher must recognize the necessity for innovative change and thought leadership, and the student much recognize, and for that matter respect, the exceptional value of [#experience](#). [#meded](#) <https://t.co/yDCNfJOQN1>



Anthony R Artino Jr [@mededdoc8 hours ago](#)

T2: E.g., high-quality, evidence-based learning processes = activation of prior knowledge, spaced learning, group learning, test-enhanced learning, generative learning, and activities that promote germane cognitive processes. [#meded](#)



Victor Montori, MD [@vmontori8 hours ago](#)

RT [@CchristmColleen](#): Wow wow wow. [#PrimaryCareInspiration](#) [@ZackBergerMDPhD](#) Dr. Berger gave an incredibly inspiring talk at the [#HopkinsPCL...](#)



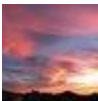
Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

RT [@mededdoc](#): T2: the best thing we can do to bridge the gap is to use teaching learning principles are evidence-based! [#meded](#)



Temple Ratcliffe [@templeratcliffe8 hours ago](#)

RT [@mededdoc](#): T1: More to the point: Any of the strategies proposed to meet millennials' needs are specific implementations of principles k...



Paul Haidet [@myheroistrane8 hours ago](#)

T2: Relationships are built on [#trust](#). Always have been. If we want millennials to engage with us, we need to trust that they are interested and want to learn. And stop referring to our learners as “kids” ... [#meded](#)



Temple Ratcliffe [@templeratcliffe8 hours ago](#)

RT [@mmteacherdoc](#): This [@Gurpreet2015](#) article is one of my faves. “Each aging cohort looks upon the youth & believes they have identified a...



Daniel Cabrera [@CabreraERDR8 hours ago](#)

RT [@mededdoc](#): T2: E.g., high-quality, evidence-based learning processes = activation of prior knowledge, spaced learning, group learning, t...



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

T2 [#meded](#) The crew from [@AceThatTest](#) would be thrilled to see that you've sent this! <https://t.co/ZRvauQOD1W>



Daniel Cabrera [@CabreraERDR8 hours ago](#)

RT [@mededdoc](#): T2: the best thing we can do to bridge the gap is to use teaching learning principles are evidence-based! [#meded](#)



A.J. Kleinheksel [@AJKleinhex8 hours ago](#)

T2 There are no learning theories unique to younger generations. The difference I try to address is the pressure of having relatively few safe spaces to fail. Social media and camera phones create a higher level of scrutiny. So, of course, I see [#simulation](#) as a solution. [#MedEd](#)



Stephanie Starr [@StephRStarr8 hours ago](#)

Like any technology, trick is to using tech wisely. Ex: need fac devel to create high-yield F2F flipped classroom [#meded](#) experience <https://t.co/DYAtITtjBu>



Marty Muntz [@mmteacherdoc8 hours ago](#)

[@IanJPereira](#) [@Alliance4ClinEd](#) I think so. Especially if we truly want to teach and assess more than medical knowledge and rote memorization (like we say we do). [#MedEd](#)



Melanie Lybarger [@MelanieLybarger8 hours ago](#)

RT [@mededdoc](#): T2: the best thing we can do to bridge the gap is to use teaching learning principles are evidence-based! [#meded](#)



Anthony R Artino Jr [@mededdoc8 hours ago](#)

T2: we should also avoid trendy, so-called “millennial learning strategies,” such as multi-tasking, fast tempo, and random information access. These practices simply contradict what we know about how humans — all humans — learn! [#MedEd](#)



Melanie Lybarger [@MelanieLybarger8 hours ago](#)

RT [@mededdoc](#): T2: E.g., high-quality, evidence-based learning processes = activation of prior knowledge, spaced learning, group learning, t...



Melanie Lybarger [@MelanieLybarger8 hours ago](#)

RT [@mededdoc](#): T1: More to the point: Any of the strategies proposed to meet millennials' needs are specific implementations of principles k...



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): T2: we should also avoid trendy, so-called “millennial learning strategies,” such as multi-tasking, fast tempo, and random in...



Justin [@Justinrt44448 hours ago](#)

[@myheroistrane](#) I like this....[#mutualrespect](#). [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@AJKleinhex](#) T2 [#meded](#) Now you've hit on another issue that may impact learning....students' ability to cope with pressures. I've noticed some of our students really have a hard time problem solving because they had parents doing that for them. Thoughts?



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@MedEdChat](#) Learning preferences = voodoo! [#meded](#)



Stephanie Starr [@StephRStarr8 hours ago](#)

Yes - and my colleagues in fov't service have seen the same in many. Flip side: current students have been through much greater pressure than I getting to the same [#meded](#) stage <https://t.co/8DQqlrAB2r>



Anthony R Artino Jr [@mededdoc8 hours ago](#)

There could (possibly) be some "learning needs" that are truly unique to millennial learners, but I think we need some high-quality research to uncover these! [#meded](#)



Ian Pereira [@IanJPereira8 hours ago](#)

[@mededdoc](#) [@Alliance4ClinEd](#) Curious about the needed computer skills. I wonder if it's a digital disconnect between how some (including myself) use new technology for learning & how technology may best be used to learn. [#MedEd](#) T1



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@StephRStarr](#) T2 [#meded](#) How so? Do you think your journey to becoming a pediatrician was less pressured than now?



Marty Muntz [@mmteacherdoc8 hours ago](#)

[@mededdoc](#) [@MedEdChat](#) Maybe not voodoo...for example I don't learn well just listening. Better reading. And even better writing. The other side of this coin is for [#MedEd](#) students to understand their weaker learning preferences & work on improving them.



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@StephRStarr](#): Yes - and my colleagues in fov't service have seen the same in many. Flip side: current students have been through much g...



Celeste Royce [@croyce628 hours ago](#)

[@MedEdChat](#) [@mededdoc](#) T2 [#meded](#) millennials are no different than other learners- just like baby boomers, they are a big bolus of learners coming up coincident with some major societal changes. That doesn't change underlying needs for guided instruction, SMART feedback, graduated steps to autonomy



Melanie Lybarger [@MelanieLybarger8 hours ago](#)

RT [@MedEdChat](#): Topic 2: What recommendations do you have to bridge differences in generational expectations to enhance learning in pre-clin...



A.J. Kleinhexel [@AJKleinhex8 hours ago](#)

[@GLBDallaghan](#) As you well know, I have thoughts on every topic. ;-) On this one, I think that it's clear from child development research that parenting styles can affect students' resilience, persistence, and self-confidence. But it's still not really a generational trait. [#MedEd](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@mmteacherdoc](#) [@mededdoc](#) [@MedEdChat](#) T2 [#meded](#) That's the key term...preference. We all have a preferred way to approach material. It doesn't mean you're learning any better.



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@croyce62](#): [@MedEdChat](#) [@mededdoc](#) T2 [#meded](#) millennials are no different than other learners- just like baby boomers, they are a big bolus...



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@mmteacherdoc](#) [@MedEdChat](#) The evidence to support learning preferences and learning styles is incredibly weak. Sure, people have preferences, but that doesn't mean those preferences are the best way to teach / learn a particular topic. [#meded](#)



Stephanie Starr [@StephRStarr8 hours ago](#)

[@GLBDallaghan](#) No generational pressure for me re studying for SATs, taking SATs/MCATs multiple times, etc. Can't conclude all in my cohort had same experience [#MedEd](#)



Ian Pereira [@IanJPereira8 hours ago](#)

[@croyce62](#) [@MedEdChat](#) I often wonder about the same. I think we select for altruism. When that altruism meets the resource-limited realities of practice and real patients it is what is often tested most. [#MedEd](#) [#Wellbeing](#)



Rachel Lewin [@MedEdUnicorn8 hours ago](#)

RT [@mmteacherdoc](#): This [@Gurpreet2015](#) article is one of my faves. "Each aging cohort looks upon the youth & believes they have identified a..."



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@GLBDallaghan](#) [@mmteacherdoc](#) [@MedEdChat](#) You hit the nail on the head my friend!! [#meded](#)



Larry Hurtubise [@hur2buzy8 hours ago](#)

Hi from Columbus [#MedEd](#) <https://t.co/rmvFw2MIkW>



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

T3 [#meded](#) How are intergenerational differences addressed with patients? How do we help [#medstudents](#) with them?



MedEd Chat [@MedEdChat8 hours ago](#)

Topic 3: What generational differences may impact the clinical learning environment? How can these be resolved? [#meded](#)



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@AJKleinhex](#) T2 [#meded](#) The work that has been done about Millennials sort of contradicts your perspective. With parenting styles that are referred to by some as "lawnmower" parenting, youth aren't given a chance to learn those skills.



Celeste Royce [@croyce628 hours ago](#)

RT [@mmteacherdoc](#): This [@Gurpreet2015](#) article is one of my faves. "Each aging cohort looks upon the youth & believes they have identified a..."



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@Alliance4ClinEd](#) T3 [#meded](#) I'm interested in hearing from [@myheroistrane](#) or [@StephRStarr](#) if they've seen intergenerational issues with older patients and Millennial [#medstudents](#)



Rebecca Minehart, MD [@RDMinehart8 hours ago](#)

RT [@croyce62](#): [@MedEdChat](#) [@mededdoc](#) T2 [#meded](#) millennials are no different than other learners- just like baby boomers, they are a big bolus...



Stephanie Starr [@StephRStarr8 hours ago](#)

T3: Like in parenting, arbitrary rules/inflexibility reinforced by hierarchy alone rarely works with smart humans- [#MedEd](#) generations work well if this is avoided and there is mutual respect, unconditional positive regard <https://t.co/lbRElhJwW6>



Larry Hurtubise [@hur2buzy8 hours ago](#)

T3 How Feedback is given and received could be a generational difference. [#MedEd](#)



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@StephRStarr](#): T3: Like in parenting, arbitrary rules/inflexibility reinforced by hierarchy alone rarely works with smart humans- [#MedE...](#)



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@hur2buzy](#): T3 How Feedback is given and received could be a generational difference. [#MedEd](#)



Ian Pereira [@IanJPereira8 hours ago](#)

[@StephRStarr](#) It's been great to see more studies on the [#FlippedClassroom](#) approach. Seems perception may be positive, but effect on educational outcomes needs more work? The effect size was around 0 in a recent systematic review with wide bars. <https://t.co/W0MDkZ5AQZ> [#MedEd](#) T1



Stephanie Starr [@StephRStarr8 hours ago](#)

[@GLBDallaghan](#) [@Alliance4ClinEd](#) [@myheroistrane](#) Better to ask the [#MedEd](#) internists than the pediatrician! Students do have to learn the opposite - not to get too chummy with adolescent pts because they are close in age



A.J. Kleinhexel [@AJKleinhex8 hours ago](#)

[@GLBDallaghan](#) The work I've seen on parenting styles is, in my opinion, cultural not generational. The pendulum of permissive and controlling parenting swings back & forth. But not all parents adhere to trends. Particularly families comprised of immigrants or multiple gens in the home. [#MedEd](#)



Anthony R Artino Jr [@mededdoc8 hours ago](#)

T2: What you're teaching should be the primary driver of how you teach it, not what the learners "prefer" as their learning style of choice!! [#meded](#)



Stephanie Starr [@StephRStarr8 hours ago](#)

[@IanJPereira](#) Agree! [#Meded](#)



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@IanJPereira](#): [@StephRStarr](#) It's been great to see more studies on the [#FlippedClassroom](#) approach. Seems perception may be positive, but...



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@AJKleinhex](#) [#meded](#) Excellent distinction. Thanks, [@AJKleinhex](#)



Marty Muntz [@mmteacherdoc8 hours ago](#)

This pretty much sums it up. [#meded](#) drop. <https://t.co/fWIL05i5jh>



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mededdoc](#): T2: What you're teaching should be the primary driver of how you teach it, not what the learners "prefer" as their learning s...



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mmteacherdoc](#): This pretty much sums it up. [#meded](#) drop. <https://t.co/fWIL05i5jh>



Ian Pereira [@IanJPereira8 hours ago](#)

[@PoonamSS](#) [@JanellerBlu](#) [@MedEdChat](#) Hopefully the "giving" feedback piece doesn't push preceptors too hard ;) [#UnintendedConsequences#MedEd](#) T1



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

[@IanJPereira](#) [@PoonamSS](#) [@JanellerBlu](#) [@MedEdChat](#) T3 [#meded](#) Wouldn't you agree that in clinical settings the expectations of constant feedback could be a drain on clinicians?



Amy Noteworthy @NoteworthyWifey8 hours ago

RT @Justinrt4444: T2 - Flexibility of thought on both sides of the intergenerational divide is pivotal. The teacher must recognize the nece...



Stephanie Starr @StephRStarr8 hours ago

Provided pt acuity doesn't supercede, I think it becomes easier the more it becomes a habit (like flossing?) #meded <https://t.co/zhZhNllmtr>



Gary Beck Dallaghan @GLBDallaghan8 hours ago

RT @StephRStarr: Provided pt acuity doesn't supercede, I think it becomes easier the more it becomes a habit (like flossing?) #meded http...



Ian Pereira @IanJPereira8 hours ago

@MedEdChat @mededdoc If millennials benefit from feedback, then #CBME/#CBD does seek to provide. However, it also comes with more paperwork that may detract from other learning opportunities. I imaging finding a balance is not easy. #MedEd T2



Marty Muntz @mmteacherdoc8 hours ago

@StephRStarr @GLBDallaghan @Alliance4ClinEd @myheroistrane One way this happens is when we preach patient- centered care but patient says "just tell me what to do, doc." But I'd bet the opposite happens more often...a more seasoned doc gets frustrated when a patient wants to participate in decision-making. #MedEd



MedEd Chat @MedEdChat8 hours ago

RT @IanJPereira: @MedEdChat @mededdoc If millennials benefit from feedback, then #CBME/#CBD does seek to provide. However, it also comes w...



Ian Pereira @IanJPereira8 hours ago

RT @Justinrt4444: T2 - Flexibility of thought on both sides of the intergenerational divide is pivotal. The teacher must recognize the nece...



Khalid Kamal, MD, FAAP @KamalFAAP8 hours ago

@StephRStarr @MedEdChat I have seen students adapt to new situations well. We, the teachers need to continue to change #MedEd<https://t.co/let4iwZvZB>



MedEd Chat @MedEdChat8 hours ago

RT @KamalFAAP: @StephRStarr @MedEdChat I have seen students adapt to new situations well. We, the teachers need to continue to change #MedE...



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

RT [@IanJPereira](#): [@MedEdChat](#) [@mededdoc](#) If millennials benefit from feedback, then [#CBME](#)/[#CBD](#) does seek to provide. However, it also comes w...



Marty Muntz [@mmteacherdoc8 hours ago](#)

[@StephRStarr](#) And in shorter bursts. I learned feedback as more of a summary of how am I doing. Better and easier to do frequent, specific, observation-based, & actionable feedback than what I used to give. [#MedEd](#)



Celeste Royce [@croyce628 hours ago](#)

[@IanJPereira](#) [@MedEdChat](#) T1 [#meded](#) yes we do, but we also select for uber-overachievers, who also may be stressed by the realities of practice and unwieldy systems in which medical care occurs.



Cynthia Smith [@csdaisysmith8 hours ago](#)

RT [@StephRStarr](#): Like any technology, trick is to using tech wisely. Ex: need fac devel to create high-yield F2F flipped classroom [#meded](#)...



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mmteacherdoc](#): [@StephRStarr](#) And in shorter bursts. I learned feedback as more of a summary of how am I doing. Better and easier to do fr...



Ian Pereira [@IanJPereira8 hours ago](#)

[@GLBDallaghan](#) [@AJKleinhex](#) Interesting point. Perhaps both a generational and socioeconomic difference? [#resilience](#) [#grit](#) [#MedEd](#) T2



MedEd Chat [@MedEdChat8 hours ago](#)

We have about 5 more minutes left in our discussion. Please feel free to give some final thoughts [#meded](#)



Michelle Centofanti [@MCentofanti058 hours ago](#)

RT [@mmteacherdoc](#): This [@Gurpreet2015](#) article is one of my faves. "Each aging cohort looks upon the youth & believes they have identified a..."



Ian Pereira [@IanJPereira8 hours ago](#)

RT [@AJKleinhex](#): [@GLBDallaghan](#) The work I've seen on parenting styles is, in my opinion, cultural not generational. The pendulum of permissi...



Gary Beck Dallaghan [@GLBDallaghan8 hours ago](#)

[@MedEdChat](#) [#meded](#) Final thought....Although work has been done related to Millennials, like [@mededdoc](#) suggests, sound teaching is sound teaching....regardless of your generation!



Stephanie Starr [@StephRStarr8 hours ago](#)

[@mmteacherdoc](#) [#MedEd](#) feedback as small aliquots via drip vs. bonus method. Also makes it easier to give critical feedback for improvement when learners expect it daily



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@GLBDallaghan](#): [@MedEdChat](#) [#meded](#) Final thought....Although work has been done related to Millennials, like [@mededdoc](#) suggests, sound tea...



Anthony R Artino Jr [@mededdoc8 hours ago](#)

[@GLBDallaghan](#) [@MedEdChat](#) Nailed it! When it comes to teaching and learning, what works well for children also works well for adults. What works well for millennials also works well for baby boomers. [#meded](#)



Khalid Kamal, MD, FAAP [@KamalFAAP8 hours ago](#)

[@GLBDallaghan](#) [@MedEdChat](#) [@mededdoc](#) Thank you very much for a wonderful learning activity [#MedEd](#)



Marty Muntz [@mmteacherdoc8 hours ago](#)

Let's not teach students how to function in a bygone era. Rather, let's engage the smart, enthusiastic, idealistic people in transforming [#MedEd](#) together to train docs who flourish in the current/future state.



MedEd Chat [@MedEdChat8 hours ago](#)

Join us again next week at 9 pm Thursday. Our guest host will be [@myheroistrane](#) [#meded](#)



MedEd Chat [@MedEdChat8 hours ago](#)

RT [@mmteacherdoc](#): Let's not teach students how to function in a bygone era. Rather, let's engage the smart, enthusiastic, idealistic people...



Ian Pereira [@IanJPereira8 hours ago](#)

[@AJKleinhex](#) [@GLBDallaghan](#) Perhaps not generational, but do we see a socioeconomic factor that predicts for [#grit](#)/[#resilience](#)? Has this changed over time? [#curious](#) T2 [#MedEd](#)



MedEd Chat [@MedEdChat8 hours ago](#)

That's a wrap...I will be posting the archive tomorrow morning. Thanks everyone for participating! [#meded](#)



Pat Foy [@docfoyl8 hours ago](#)

RT [@mmteacherdoc](#): Let's not teach students how to function in a bygone era. Rather, let's engage the smart, enthusiastic, idealistic people...



Anthony R Artino Jr @mededdoc 8 hours ago
[@MedEdChat](#) Fun chat, thanks!!! [#meded](#)



MedEd Chat @MedEdChat 8 hours ago
RT [@IanJPereira](#): [@AJKleinhex](#) [@GLBDallaghan](#) Perhaps not generational, but do we see a socioeconomic factor that predicts for [#grit](#)/[#resilien...](#)



Celeste Royce @croyce628 hours ago
RT [@GLBDallaghan](#): [@MedEdChat](#) [#meded](#) Final thought....Although work has been done related to Millennials, like [@mededdoc](#) suggests, sound tea...



Tamara Hancock @tamahle 8 hours ago
RT [@StephRStarr](#): T3: Like in parenting, arbitrary rules/inflexibility reinforced by hierarchy alone rarely works with smart humans- [#MedE...](#)



Ian Pereira @IanJPereira 7 hours ago
[@Alliance4ClinEd](#) Great question. I believe current formal [#MedEd](#) asks students to engage in shared decision-making and patient-centred care. However, this takes time (e.g. to ensure patients understand enough about an increasing number of options to make an informed choice). System pressures. T3



Ian Pereira @IanJPereira 7 hours ago
RT [@StephRStarr](#): T3: Like in parenting, arbitrary rules/inflexibility reinforced by hierarchy alone rarely works with smart humans- [#MedE...](#)



Ian Pereira @IanJPereira 7 hours ago
[@Alliance4ClinEd](#) [@PoonamSS](#) [@JanelleRBlu](#) [@MedEdChat](#) From what I've heard from my preceptors - it is more work. [#CBME](#) seems to ask for this with the intent to produce better educational outcomes in the longer term, and perhaps trainees finding ways to help in the short-term. [#MedEd](#) T3



Ian Pereira @IanJPereira 7 hours ago
[@mededdoc](#) [@croyce62](#) [@MedEdChat](#) I hope that's not what we select for, lol. Instead - hopefully it's future physicians interested in lifelong learning and continuous self-improvement. [#WishfulThinking?](#) [#MedEd](#) T1



Ian Pereira @IanJPereira 7 hours ago
RT [@mmteacherdoc](#): Let's not teach students how to function in a bygone era. Rather, let's engage the smart, enthusiastic, idealistic people...



Ian Pereira @IanJPereira 7 hours ago
[@MedEdChat](#) Thanks for the great chat, [#MedEd](#). CT on feedback/assessment - perhaps continuous, 360ish, and low-stakes that improves practice all-around (win-win!)