

2022-01-20: Is It Time for Another “Flexner” Revolution

Topic and Questions courtesy of the Council on Medical Student Education in Pediatrics

The following links were shared during the chat:

- [17-163 AIB August 2017 \(aamc.org\)](#)
- [How Much Does It Cost to Attend Medical School? Here’s a Breakdown | AAMC](#)
- [Experiences of medical students who are first in family to attend university - Brosnan - 2016 - Medical Education - Wiley Online Library](#)
- [Shifting Paradigms: From Flexner to Competencies : Academic Medicine \(lww.com\)](#)
- [The Case for Shortening Medical Education - Niskanen Center](#)
- [Shortening medical training by 30% - PubMed \(nih.gov\)](#)
- [Accelerated Medical Education: Past, Present and Future \(nih.gov\)](#)
- [Crossing the Gap: Using Competency-Based Assessment to Deter... : Academic Medicine \(lww.com\)](#)
- [Education in Pediatrics Across the Continuum \(EPAC\): First S... : Academic Medicine \(lww.com\)](#)



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

TOPIC 1: What is the purpose of a medical school in 2022? What should the end product/graduate look like? #MedEdChat #meded



Darcy Wooten she/her @Darcy_ID_doc8 hours ago

@MedEdChat @Darcy_ID_doc ID/HIV doc @UCSDHealth med Ed enthusiast and aspiring scholar #mededchat



Lonika Sood, MBBS MHPE @sood_lonika8 hours ago

@MedEdChat T1: purpose: to graduate trainees with the base minimum skills ready to specialize in a field of their choice... able to have skills to start residency #mededchat



Alliance4ClinEd @Alliance4ClinEd8 hours ago

T1 We need medical schools that are going to produce qualified physicians that reflect society <https://t.co/ZoPCbJkVOZ> #MedEdChat



Sateesh Arja, M.B.B.S., MHPE, MSPH @ArjaSateesh8 hours ago

#mededchat Sateesh Arja, from Avalon University School of Medicine, Curacao #meded



Alliance4ClinEd @Alliance4ClinEd8 hours ago

T1 This is an additional article related to first gen [#medstudents](#) <https://t.co/6WJ5bMMFgt> #mededchat



Darcy Wooten she/her @Darcy_ID_doc8 hours ago

@MedEdChat #mededchat provide develop and cultivate skills of next gen docs and scientists to improve patient care, science, and health delivery



MedEd Chat (hosted by ACE) @MedEdChat8 hours ago

RT @Darcy_ID_doc: @MedEdChat #mededchat provide develop and cultivate skills of next gen docs and scientists to improve patient care, scien...



Deb Simpson [@debsimpson38](#) hours ago

[@sood_lonika](#) [@MedEdChat](#) T1 so agree. Job of medical schools is to prepare students for residency and practice of medicine. [#mededchat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8](#) hours ago

[@MedEdChat](#) [#mededchat](#) T1 should be able to produce competent physicians who can serve the communities locally and around the globe. Should be professional with appropriate communication and interpersonal skills, lifelong learner, and be an advocate to patients [#meded](#)



Deb Simpson [@debsimpson38](#) hours ago

[@MedEdChat](#) T1 the job of medical schools if you prepare a workforce who are competent to compassionately address the health care needs for all patients and families. [#mededchat](#)



Dileep Mandali, MD [@MandaliDileep8](#) hours ago

[@MedEdChat](#) To provide an environment that allows an individual to discover their niche in medicine & provide them with a blueprint to tackle their niche. End product - the one where one is confident in providing basic medical services & feel confident to further "specialize" [#Mededchat](#)



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

[@ArjaSateesh](#) [@MedEdChat](#) T1 That's a lot to cram into medical school. Do you think with current structures that is feasible? [#MedEdChat](#)



Jen Readlynn, MD, FHM (she/her) [@jenreadlynn8](#) hours ago

[@MedEdChat](#) [#MedEdChat](#) T1: To give breadth of experience to guide future career choices, prepare for residency, develop skills in critical thinking, communication, growth mindset, advocacy, and patient care.



MedEd Chat (hosted by ACE) [@MedEdChat8](#) hours ago

TOPIC 2: Do we need 4 year medical schools? Can't the student get the requisite foundational science knowledge in college (or online)? [#MedEdChat](#) [#meded](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8](#) hours ago

[@GLBDallaghan](#) [@MedEdChat](#) [#mededchat](#) T1 it is feasible If the institutions critically look at their institutional learning objectives and adopt EPAs. If there are any constraints, educators and institutions must look at alternatives. Hopefully the pandemic can be over and less restrictions [#meded](#)



Alliance4ClinEd [@Alliance4ClinEd8](#) hours ago

T2 Several commentaries and articles support the notion of shortening medical school <https://t.co/Uzm6iYz7II> <https://t.co/a1Z0f8ZNMD> <https://t.co/8YZi65vrmY> [#MedEdChat](#)



Dr. Kirsten Brown [@DrKirtyBrown8](#) hours ago

Happening now! Interesting and timely topic. [#MedEdChat](#)



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

T2 The argument for shortening medical school also relates to the cost. Interesting blog post going into details about it.... <https://t.co/wsOMWhQN2r> [#MedEdChat](#)



Med Student Bot [@MedStudent_Bot8 hours ago](#)

RT [@MedEdChat](#): TOPIC 2: Do we need 4 year medical schools? Can't the student get the requisite foundational science knowledge in college (o...



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh8 hours ago](#)

[@MedEdChat](#) [#mededchat](#) T2 Foundational courses are not discrete courses anymore. They are integrated with clinical sciences which might require access to hospital. They are integrated with clinical skills courses. Online classes can hamper social interactions, team learning activities [#meded](#)



Sherine Salib [@DrSherineSalib8 hours ago](#)

[@MedEdChat](#) Hi all! Sherine from Austin. Joining late... [#MedEdChat](#)



Sherine Salib [@DrSherineSalib8 hours ago](#)

[@MedEdChat](#) T1. The purpose of medical school is to introduce students to lifelong learning in the

science & the art of the practice of medicine. Its foundations are 3-fold: training of the

physician search for new knowledge care of the sick [#MedEdChat](#)



Alliance4ClinEd [@Alliance4ClinEd8 hours ago](#)

[@ArjaSateesh](#) [@MedEdChat](#) T2 Excellent point. But...do you think this could be accomplished in 3 years or time variable education as opposed to 4 years? [#MedEdChat](#)



MedEd Chat (hosted by ACE) [@MedEdChat8 hours ago](#)

RT [@DrSherineSalib](#): [@MedEdChat](#) T1. The purpose of medical school is to introduce students to lifelong learning in the science & the art o...



MedEd Chat (hosted by ACE) [@MedEdChat8 hours ago](#)

TOPIC 3: In an information age, how important is medical knowledge? With advances in AI, how will training for clinical reasoning alter? [#MedEdChat](#) [#meded](#)



Dileep Mandali, MD [@MandaliDileep8 hours ago](#)

[@MedEdChat](#) The current format strips students from appropriately discovering their interests and passion within medicine, which is a pity. [#mededchat](#)



Laura Rachal, MD [@lalouisianaise8 hours ago](#)

[@MedEdChat](#) Laura, med/peds gone med/peds infectious diseases [@UNC_ID](#) [#mededchat](#)



Sherine Salib [@DrSherineSalib](#) 8 hours ago

[@MedEdChat](#) T2. We need to ask ourselves: 1. Should we allow competency-based promotions & flexibility around time-based graduation in [#MedEd](#) ? And/Or 2. Can we have an expedited path to medical school? Yes & Yes! [#MedEdChat](#) [#CBME](#) [#MedStudentTwitter](#) [#MedTwitter](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 8 hours ago

[@Alliance4ClinEd](#) [@MedEdChat](#) [#mededchat](#) T2 I am not sure the idea behind 3-year MD. Even with 4 year program, graduates are not independent practitioners and they are required to do residency Versus the graduates can do independent practice from 6 and 7 yr programs. Just my opinion [#meded](#)



Med Student Bot [@MedStudent_Bot](#) 8 hours ago

RT [@MedEdChat](#): TOPIC 3: In an information age, how important is medical knowledge? With advances in AI, how will training for clinical reas...



Darcy Wooten she/her [@Darcy_ID_doc](#) 8 hours ago

[@MedEdChat](#) T2: it seems increasingly difficult to shorten medical training when the amount of information one needs to know continues to increase in quantity and complexity [#mededchat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 8 hours ago

[@DrSherineSalib](#) [@MedEdChat](#) T2 This brings up the question of the structure of med school. With competency based approaches the current structure could be altered. <https://t.co/5vAs8xS1wn> [#MedEdChat](#)



Laura Rachal, MD [@lalouisianaise](#) 8 hours ago

[@MedEdChat](#) To form diverse, independent, thoughtful physicians who are well-versed in the scientific method, psycho-social determinants of health, and clinical knowledge in order to take on the challenges of medicine as they stand today. [#mededchat](#) [#MedEd](#)



Sherine Salib [@DrSherineSalib](#) 8 hours ago

[@MedEdChat](#) T3. The secret is not in medical knowledge per se, which can be found in books. Instead, it's imperative that we teach our learners HOW to think through complex clinical situations. It's not the "what". It's more the "why" and the "how"? [#MedEdChat](#)



Darcy Wooten she/her [@Darcy_ID_doc](#) 8 hours ago

[@MedEdChat](#) T3 we need much more focus on reasoning, communication skills, interpersonal skills, and health systems sciences...basic science important but less so than these areas IMHO [#mededchat](#)



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

[@Darcy_ID_doc](#) [@MedEdChat](#) T2 & T3....I agree with you, but at the same time should we be approaching this differently and consider information management? Why do we still make students memorize so much for an exam only to forget it a couple days later? Doesn't seem like a good way to teach. [#MedEdChat](#)



Sherine Salib [@DrSherineSalib](#) 8 hours ago

[@MedEdChat](#) T3. The secret is not in medical knowledge per se, which can be found in books. Instead, it's imperative that we teach our learners HOW to think through complex clinical situations. It's not the "what". It's more the "why" and the "how"? [#MedEdChat](#) [#ClinicalReasoning](#)



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

RT [@DrSherineSalib](#): [@MedEdChat](#) T3. The secret is not in medical knowledge per se, which can be found in books. Instead, it's imperative t...



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago

TOPIC 4: Should we move to specialty schools? So, a BS, a post-bacc program, then a 6-8 year pre-surgery - surgery program or a 6-8 year pre-peds - peds program, etc? [#MedEdChat](#) [#meded](#)



Laura Rachal, MD [@lalouisianaise](#) 7 hours ago

[@MedEdChat](#) T2- there can and should be multiple pathways into medicine; however, if we make all medical education (6 year track) uni/medschool we would eliminate the diversity of candidates who have outside passions they wish to pursue (foreign languages, social sciences) [#mededchat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago

[@MedEdChat](#) [#mededchat](#) T3 Still Medical Knowledge is important to an extent. When things can not be explained by the Evidence-based Medicine, still foundational sciences and medical knowledge play a role in clinical reasoning [#meded](#)



Darcy Wooten she/her [@Darcy_ID_doc](#) 7 hours ago

[@MedEdChat](#) T4: it's an interesting idea to shorten training and narrow focus/ scope. Major downside would be it decreases ability to change course, discover passion, and keeps fields siloed [#mededchat](#)



Gary Beck Dallaghan [@GLBDallaghan](#) 7 hours ago

[@Darcy_ID_doc](#) [@MedEdChat](#) T4 Interesting point. [#MedEdChat](#)



Alliance4ClinEd [@Alliance4ClinEd](#) 7 hours ago

T4 There are pipeline programs at some schools. The EPAC initiative is one for peds. <https://t.co/g14aVdXRyi> [#MedEdChat](#)



Gary Beck Dallaghan [@GLBDallaghan](#) 7 hours ago

T4 [@bzmorgenstern](#) shared this article with me. Makes me think focusing more on assessing competence & progressing students based on that is more important than specialization so early. <https://t.co/oRjwTB1Ysz> [#MedEdChat](#)



Laura Rachal, MD [@lalouisianaise](#) 7 hours ago

[@MedEdChat](#) T3- AI=future of training- improving simulations into caring/speaking (Osces are cool, but costly).AI should not overtake clinical reasoning just like pneumonics don't teach you how to treat someone with SOB:good for the basics but you need clinical judgement to grow. [#mededchat](#)



Med Student Bot [@MedStudent_Bot](#) 7 hours ago

RT [@MedEdChat](#): TOPIC 4: Should we move to specialty schools? So, a BS, a post-bacc program, then a 6-8 year pre-surgery - surgery program o...



Dileep Mandali, MD [@MandaliDileep](#) 7 hours ago

[@MedEdChat](#) Answer may vary. Students should have exposure to core clerkships since 'medicine' requires functioning as a team between specialties. And I don't think students would be thrilled to pay massive tuition for 6-8 years [#mededchat](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 hours ago

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



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago

[@MedEdChat](#) [#mededchat](#) T4 it might be good to have a wider vision rather than tubular vision from the beginning. Then later on we can have them specialize. we need more primary care physicians if we want to give preventive care, health for all and to reduce the healthcare disparities [#meded](#)



MedEd [@TelehealthBot](#) 7 hours ago

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



Emily Mallin, MD [@DrEmilyMallin](#) 7 hours ago

[@MedEdChat](#) Made it with 2 minutes to spare from Phoenix :) Thank you for this important and timely topic! Will read through the excellent prompts and ideas with enthusiasm! [#MedEdChat](#)



MedEd Chat (hosted by ACE) [@MedEdChat](#) 7 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 (hosted by ACE) [@MedEdChat](#) 7 hours ago

That's a wrap...I will post the [#MedEdChat](#) transcript tomorrow morning on <https://t.co/mJivoK9NyX>. Thanks everyone for participating! [#meded](#)



Laura Rachal, MD [@lalouisianaise](#) 7 hours ago

[@MedEdChat](#) T4-BS/MD hybrid is common world-wide & an option we should offer more as a fast track. It should not take away spots from non-trad students who wish to pursue other interests or change career paths. Fast track UME might need more social science and prof develop classes. [#mededchat](#)



Sateesh Arja, M.B.B.S., MHPE, MSPH [@ArjaSateesh](#) 7 hours ago

RT [@ArjaSateesh](#): [@MedEdChat](#) [#mededchat](#) T4 it might be good to have a wider vision rather than tubular vision from the beginning. Then later...



Med Student Bot @MedStudent_Bot7 hours ago

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RT @MedEdChat: That's a wrap...I will post the #MedEdChat transcript tomorrow morning on <https://t.co/mJivoK9NyX>. Thanks everyone for parti...



Antonia Quinn DO @dr_aquinn7 hours ago

@MedEdChat #MedEdchat T1. The purpose of medical school in 2022 is to train future physician the cognitive and procedural skills to competently practice medicine. As educators we must instill a love for lifelong learning and strong meta cognitive skills



Antonia Quinn DO @dr_aquinn6 hours ago

@MedEdChat T4. No we should not move to pre specialty schools. I knew I always wanted to be a doctor but the exposure in Med school allowed me to find the specialty I love. College students are too young! #mededchat #meded



Ian Pereira @IanJPereira4 hours ago

RT @MedEdChat: TOPIC 1: What is the purpose of a medical school in 2022? What should the end product/graduate look like? #MedEdChat #meded



Ian Pereira @IanJPereira4 hours ago

RT @ArjaSateesh: @MedEdChat #mededchat T1 should be able to produce competent physicians who can serve the communities locally and around t...

swaGGerscanU @SwaggerscanU2 hours ago



NEWS BRIEF: (This state) rates high for STDs in national study. READ

MORE <https://t.co/LVE7XpXyjq> —

— #GameDay #collegelife #HealthTech #MedEdChat #neuroscience #digitalhealth #smartnews #Geo News <https://t.co/WJVXsLU03p>



Jasminka Criley MD, FACP, FHM @criley_mdan hour ago

"This, too, has meaning. This, too, has value. This, too, is part of the journey of the human experience." Everything does have

meaning. #life #indeliblemd #medtwitter #AcademicTwitter #MedEdChat #psychtwitter #Caregiving

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[@Darcy_ID_doc](#) 5



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 [@IanJPereira](#) 7.4K

 [@Alliance4ClinEd](#) 4.6K

 [@MedStudent_Bot](#) 4.0K

 [@TelehealthBot](#) 3.2K

 [@DrSherineSalib](#) 3.1K

 [@lalouisianaise](#) 2.5K

 [@debsimpson3](#) 2.0K

The Numbers

156.646K Impressions

65 Tweets

19 Participants

8 Avg Tweets/Hour

3 Avg Tweets/Participant

Twitter data from the [#MedEdChat](#) hashtag from Thu, January 20th 2022, 9:05PM to Fri, January 21st 2022, 5:10AM (America/New_York) – Symplur.