

## 2019-10-24: Faculty Development 2025

The following links were shared during the chat:

- The Power of Peers: Faculty Development for Medical Educators of the Future <https://jgme.org/doi/full/10.4300/JGME-D-19-00613.1>
- Linking Medical Faculty Stress/Burnout to Willingness to Implement Medical School Curriculum Change: A Preliminary Investigation <https://onlinelibrary.wiley.com/doi/abs/10.1111/jep.12439>
- Artificial Intelligence in Medical Education <https://www.tandfonline.com/doi/abs/10.1080/0142159X.2019.1595557>
- Job Roles of the 2025 Medical Educator <https://www.jgme.org/doi/10.4300/JGME-D-18-00253.1> \*See infographic on last page
- Exploring Faculty Developers' Experiences to Inform Our Understanding of Competence in Faculty Development [https://journals.lww.com/academicmedicine/fulltext/2018/02000/Exploring\\_Faculty\\_Developers\\_Experiences\\_to.34.aspx](https://journals.lww.com/academicmedicine/fulltext/2018/02000/Exploring_Faculty_Developers_Experiences_to.34.aspx)
- Twelve tips for Implementing a Community of Practice for Faculty Development <https://www.tandfonline.com/doi/abs/10.1080/0142159X.2018.1552782?journalCode=imte20>
- Identity Formation of Occasional Faculty Developers in Medical Education: A Qualitative Study [https://www.researchgate.net/publication/263549257\\_Identity\\_Formation\\_of\\_Occasional\\_Faculty\\_Developers\\_in\\_Medical\\_Education\\_A\\_Qualitative\\_Study](https://www.researchgate.net/publication/263549257_Identity_Formation_of_Occasional_Faculty_Developers_in_Medical_Education_A_Qualitative_Study)
- Strengthening Teachers' Professional Identities Through Faculty Development <https://www.ncbi.nlm.nih.gov/pubmed/30844931/>



**MedEd Chat** @MedEdChat9 hours ago

The [#mededchat](#) topic & questions will be announced in a moment...for now, please introduce yourselves [#meded](#)



**Gary Beck Dallaghan** @GLBDallaghan9 hours ago

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



**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)



**Karen Marcdante** @MarcdanteKaren9 hours ago

@MedEdChat Looking forward to [#MedEdChat](#) on future of [#Facdev](#), [#med Ed](#)



**Teresa Chan** @TChanMD9 hours ago

RT @MedEdChat: The [#mededchat](#) topic & questions will be announced in a moment...for now, please introduce yourselves [#meded](#)



**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](#)



**MedEd Chat** @MedEdChat9 hours ago

The [#mededchat](#) topic & questions will be announced in a moment...for now, please introduce yourselves [#meded](#) Also, take a look at the article related to tonight's topic: <https://t.co/7SqlLkdOz>



**Gail Sullivan** @DrMedEd 9 hours ago

Great topic tonight! [#jgme#facdev](#)



**Yusuf Yilmaz** @YusufYilmazPhD9 hours ago

[@MedEdChat](#) Hi Everybody! This is Yusuf from [@MacHealthSci](#) [#HamOnt](#) [#MedEdChat](#) [#FacDev](#)



**MedEd Chat** @MedEdChat9 hours ago

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



**Teresa Chan** @TChanMD9 hours ago

[#mededchat](#)



**Teresa Chan** @TChanMD9 hours ago

RT [@MedEdChat](#): The [#mededchat](#) topic & questions will be announced in a moment...for now, please introduce yourselves [#meded](#) Also, take a look...



**Yusuf Yilmaz** @YusufYilmazPhD9 hours ago

[@MedEdChat](#) looking forward to it since it will be my first time in [#MedEdChat](#)



**MedEd Chat** @MedEdChat9 hours ago

Topic 1: With the changes in [#medicine](#) / [#mededucator](#) roles (eg, big data, AI, tech) how does that change OUR [#Purpose](#) and [#Identity](#) as faculty developers? [#mededchat](#) [#meded](#)



**Deb Simpson** @debsimpson39 hours ago

[@MedEdChat](#) Checking in from [#MKE](#) [@AuroraMedEd](#) with the 2 dalmatians. While they are wondering how long this will take! I'm eager to [#learn](#) from [#MedEdChat](#) colleagues about [#FacDev](#) from [@MayoFacDev](#) [@ameefacdev](#). [@mayofacdev](#) [@CentreforFacDev](#) [@kristinadzara](#) [@widfm](#) [@KarenMarcdante@KevinHSouza](#)



**Teresa Hartman** @thartman2u9 hours ago

RT [@MedEdChat](#): Topic 1: With the changes in [#medicine](#) / [#mededucator](#) roles (eg, big data, AI, tech) how does that change OUR [#Purpose](#) and...



**Teresa Hartman** @thartman2u9 hours ago

RT @MedEdChat: The #mededchat topic & questions will be announced in a moment...for now, please introduce yourselves #meded Also, take a look...



**Teresa Chan** @TChanMD9 hours ago

RT @MedEdChat: Topic 1: With the changes in #medicine / #mededucator roles (eg, big data, AI, tech) how does that change OUR #Purpose and...



**Brenda Roman** @BJBRoman9 hours ago

@MedEdChat Brenda checking in #mededchat



**Deb Simpson** @debsimpson39 hours ago

@MedEdChat T1 Arvandi found that activities that adversely affect one's purpose and sense of identity may accelerate burnout, and burnout potentially interfere with faculty members' ability/willingness to change role. J Eval Clin Pract. 2016;22(1):86-92. doi:10.1111/jep.12439 #MedEdChat



**Karen Marcdante** @MarcdanteKaren9 hours ago

@MedEdChat Looking forward to tonight's #mededchat.



**Teresa Chan** @TChanMD9 hours ago

@MedEdChat A1. Important to think about how we might prepare people for continuing to change and grow. #facdev #meded #mededchat



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago

T1 This may sound a little flippant, but with advances in AI and VR, I think #facdev is going to require a lot of #coaching to help people transition into different roles as #meded ucators #mededchat



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

@MedEdChat Topic 1: More system based approaches will be applied to #FacDev. We will be using more technology that aims to understand approach and identity of faculty toward development. #MedEdChat #FacDev

JGME

**JGME** @JournalofGME8 hours ago

T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-centered navigator and professional coach, learning environment designer, engineer, architect, and implementer; and clinician role model #MedEdChat <https://t.co/fq0HolRwMF>



**Deb Simpson** @debsimpson38 hours ago

@TChanMD @MedEdChat T1 Indeed critical to have [#growthmindset](#) as [#MedEd](#) & medicine rapidly transforming [#MedEdChat](#)



**MedEd Chat** @MedEdChat8 hours ago

RT @debsimpson3: @MedEdChat T1 Arvandi found that activities that adversely affect one's purpose and sense of identity may accelerate burno...



**MedEd Chat** @MedEdChat8 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Teresa Chan** @TChanMD8 hours ago

RT @YusufYilmazPhD: @MedEdChat Topic 1: More system based approaches will be applied to [#FacDev](#). We will be using more technology that aims...



**Mitva Patel** @mitvamd8 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Gail Sullivan** @DrMedEd itor8 hours ago

T1 Agree completely. And, faculty will still act as powerful role models for behaviors [#jgme#mededchat#FacDev](#)



**Deb Simpson** @debsimpson38 hours ago

@JournalofGME T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome infographic by @Lisanashdo from [#HMIHCE](#) capturing essence of this article @boedudley @Kwendel @KevinSouza <https://t.co/X6guv9Qkw9> [#MedEdChat](#) <https://t.co/LjZkHMg89D>



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago

@debsimpson3 @TChanMD @MedEdChat T1 Completely agree with this sentiment. This article about preparing for AI hints at the need to be open to what big data changes mean <https://t.co/8eVurGog4v> [#mededchat](#)



**MedEd Chat** @MedEdChat8 hours ago

RT @GLBDallaghan: @debsimpson3 @TChanMD @MedEdChat T1 Completely agree with this sentiment. This article about preparing for AI hints at t...



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...

**HumanBodyHaiku** @humanbodyhaiku8 hours ago



Osteoblasts build Extracellular matrix Produce

osteoid #humanbodyhaiku #haiku #sciku #writer #anatomy #MedEd #MedEdchat #medicine #poem #sciencepoetry



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT @TChanMD: @MedEdChat A1. Important to think about how we might prepare people for continuing to change and grow. #facdev #meded #mededch...



**Karen Marcdante** @MarcdanteKaren8 hours ago

@MedEdChat T1: As #facultydevelopers, #mededucators need to model keeping up with changes, innovating or as early adopters. May be new identities #MedEdChat



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT @GLBDallaghan: @debsimpson3 @TChanMD @MedEdChat T1 Completely agree with this sentiment. This article about preparing for AI hints at t...



**Abby Spencer, MD, MS, FACP** @abbyCCim8 hours ago

Love this!! @CCF\_IMCHIEFS @EYMD @AndreiBrateanu @JollyMD GIM



**MedEd Chat** @MedEdChat8 hours ago

RT @debsimpson3: @JournalofGME T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome i...



**Deb Simpson** @debsimpson38 hours ago

T1 1 of 2: Very intriguing work by Lindsay Baker et al @CentreforFacDev using observations and interviews – revealing FacDev ers #knoweldge #skills and #identity and key role of context #MedEdChat <https://t.co/U8vgNghuQv> Experiences\_to.34.aspx



**Karen Marcdante** @MarcdanteKaren8 hours ago

@MedEdChat T1: With move towards more technology in #medEd, do things to increase personal contact, enhance context for #facdev. #mededchat

---

**Teresa Chan** @TChanMD8 hours ago



@GLBDallaghan #mededchat T1: We will need innovators, but we will also need the skeptics who worry about cost and efficiency. If a styrofoam cup does as well as a computerized simulator. We should not overspend... #mededchat

---

**JGME** @JournalofGME8 hours ago

JGME

#MedEdChat

---

**Deb Simpson** @debsimpson38 hours ago



T1: 2-2 Context & perceived control to align #FacDev ers perceived expertise impacts is key (per Baker @CentreforFacDev). Even if a "voluntold" session, IF #FacDev er negotiated, constructed and attuned – it's a sign of increasing competence. #MedEdChat <https://t.co/ffYRU91o02> <https://t.co/0PmppRdghk>

---

**Brenda Roman** @BJBRoman8 hours ago



@RyznarMD @MedEdChat T1. Agree-faculty development will likely require more collaboration with experts with technology! #mededchat

---

**MedEdBot** @MedEdBot8 hours ago



RT @MedEdChat: Topic 1: With the changes in #medicine / #mededucator roles (eg, big data, AI, tech) how does that change OUR #Purpose and...

---

**MedEdBot** @MedEdBot8 hours ago



RT @GLBDallaghan: T1 This may sound a little flippant, but with advances in AI and VR, I think #facdev is going to require a lot of #coachi...

---

**MedEdBot** @MedEdBot8 hours ago



RT @humanbodyhaiku: Osteoblasts build Extracellular matrix Produce osteoid #humanbodyhaiku #haiku #sciku #writer #anatomy #MedEd #MedEdch...

---

**Gail Sullivan** @DrMedEd itor8 hours ago



T1 Here here! Just being 'new' or 'in vogue' does not make better!#mededchat#jgme#facdev

---

**MedEd Chat** @MedEdChat8 hours ago



RT @TChanMD: @GLBDallaghan #mededchat T1: We will need innovators, but we will also need the skeptics who worry about cost and efficiency....



**Jonathan Lim** [@JonLimMD8](#) 8 hours ago

Lurking/appreciating the discussion from down south in Houston. [#MedEdChat](#)



**Gary Beck Dallaghan** [@GLBDallaghan8](#) 8 hours ago

[@TChanMD](#) Completely on board with this. Tech is great, but it should be used purposefully....not simply because it seems cool. And let's not forget to study its use for higher order outcomes [#mededchat](#)



**Heather Waters** [@heatherwatersmd8](#) 8 hours ago

RT [@JournalofGME](#): T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Jonathan Lim** [@JonLimMD8](#) 8 hours ago

T1 I think it's really hard to conceptualize exactly how identity will change without seeing the technology that will come. Can imagine hypothetical AI revolution and diagnostic assist, but it is in harsh contrast to the state of EMR and technology currently in GME. [#MedEdChat](#)



**Larry Hurtubise** [@hur2buzy8](#) 8 hours ago

Hello from CBus [#MedEdChat](#) <https://t.co/B2oSWAEaXm>



**Teresa Chan** [@TChanMD8](#) 8 hours ago

[@DrMedEd](#) itor I'm all for innovation. I'm possibly a poster girl for innovation in [#MedEd](#). But it is important to do [#MedEd](#) innovation that is theoretically and evidence informed! [#mededchat](#)



**Gary Beck Dallaghan** [@GLBDallaghan8](#) 8 hours ago

[@JonLimMD](#) T1 Rather than thinking of how it will change, how can we prepare faculty now to manage and embrace change that we all know is inevitable? [#mededchat](#)



**Yusuf Yilmaz** [@YusufYilmazPhD8](#) 8 hours ago

[@debsimpson3](#) [#MedEdChat](#) [@acgme](#) Absolutely! I think we will use more holistic approach for system-based that focuses on RAPID skill development and knowledge transition which are very aligned with [@acgme](#) [#MedEdChat](#) AI may help for quick retrieval of the needed skills for [#FacDev](#)



**Gail Sullivan** [@DrMedEd](#) itor 8 hours ago

T1 Agree: faculty have to be the developers, not just end-users. No one likes their EHR for care or for teaching! [#mededchat](#)[#jgme](#)[#facdev](#)



**Yusuf Yilmaz** [@YusufYilmazPhD8](#) 8 hours ago

RT [@debsimpson3](#): [@JournalofGME](#) T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome i...

JGME

**JGME** @JournalofGME8 hours ago

[#MedEdChat](#)

---



**Karen Marcdante** @MarcdanteKaren8 hours ago

[@YusufYilmazPhD](#) [@debsimpson3](#) [@MedEdChat](#) [@acgme](#) So to be rapid, need to keep up with [#medEd](#) roles - improve curator and navigator skills. [#MedEdChat](#)

---



**Deb Simpson** @debsimpson38 hours ago

One of critical ingredients missing from [#FacDev](#) is how it impacts [#mededucators](#) identities - if they see need for the change, their purpose, and support/resources. And agree - must be evidence-based per [@TChanMD](#) [#MedEdChat](#)

---



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT [@TChanMD](#): [@GLBDallaghan](#) [#mededchat](#) T1: We will need innovators, but we will also need the skeptics who worry about cost and efficiency....

---



**Teresa Chan** @TChanMD8 hours ago

[@DrMedEd](#) [itor](#) T1: We can and must do the research that understands so we can develop and grow. We must use that research and translate it into action. Close the loop. Translate that knowledge. [#mededchat](#)

---



**MedEd Chat** @MedEdChat8 hours ago

Topic 2: What [#FacDev](#) strategies will successfully advance faculty members' [#growth](#) in their [#mededucator](#) identity(ies) and their ability to champion their new/evolving [#mededucator](#) roles (eg dx assessor, curator, navigator/coach, learning environment designer)? [#mededchat](#)

---



**MedEd Chat** @MedEdChat8 hours ago

RT Gail Sullivan [@DrMedEd](#) [itor](#) T1 Agree: faculty have to be the developers, not just end-users. No one likes their EHR for care or for teaching! [#mededchat](#) [#jgme](#) [#facdev](#)

---



**Teresa Chan** @TChanMD8 hours ago

RT [@debsimpson3](#): One of critical ingredients missing from [#FacDev](#) is how it impacts [#mededucators](#) identities - if they see need for the cha...

---



**Karen Marcdante** @MarcdanteKaren8 hours ago

[@MedEdChat](#) T2: Depersonalization with increased technology, changing environment means [#mededucators](#) and [#facdev](#) experts need to make people feel they matter [#mededchat](#)



**MedEd Chat** @MedEdChat8 hours ago

RT Gail Sullivan @DrMedEd\_itor T1 Here here! Just being 'new' or 'in vogue' does not make better!#mededchat #jgme #facdev



**Tejas Patel** @GenNextMD8 hours ago

@GLBDallaghan @JonLimMD Be more agile and open minded which is challenging given some discrepant expectations by regulatory agencies..should you be ahead of the curve or wait for changes being imposed? #mededchat



**Deb Simpson** @debsimpson38 hours ago

@JonLimMD T1 the how may not be as important as the who. #MedEducators are driven, passionate people who can #learn and #teach most anything IF they value it. How do we as #FacDev ers help them embrace these opportunities? #MedEdChat



**Elizabeth Ryan** @ElizabethRyanIU8 hours ago

T1 this info graphic is spot on! #MedEdChat



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

@MarcdanteKaren @debsimpson3 @MedEdChat @acgme Yes Indeed! Will we need to distinguish the roles of faculty at that time or should we just focus on micro-credentials of faculty for #FacDev. #MedEd #MedEdChat



**Teresa Chan** @TChanMD8 hours ago

RT @YusufYilmazPhD: @MarcdanteKaren @debsimpson3 @MedEdChat @acgme Yes Indeed! Will we need to distinguish the roles of faculty at that ti...



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago

@MarcdanteKaren @MedEdChat T2 I have seen arguments that tech will allow physicians to have more time for relationships. Do you think that true? Or is that misleading advertising to get people to support tech? #mededchat



**Gail Sullivan** @DrMedEd\_itor8 hours ago

T1 Deb, you've picked up a central issue: faculty identities. Changing from teachers to co-learners #mededchat #jgme #facdev



**Teresa Chan** @TChanMD8 hours ago

RT @MedEdChat: Topic 2: What #FacDev strategies will successfully advance faculty members' #growth in their #mededucator identity(ies) and...



**MedEd Chat** @MedEdChat8 hours ago

RT @YusufYilmazPhD: @MarcdanteKaren @debsimpson3 @MedEdChat @acgme Yes Indeed! Will we need to distinguish the roles of faculty at that ti...



**Deb Simpson** @debsimpson38 hours ago

T2: At #AAMC2019 found out by applying Schlossberg's Role Transition Model – the critical, often missing #FacDev element was Social-Hands on Support from peers supports change! Yes it's knowledge etc! But vital to embrace the "power of peers" <https://t.co/YZbmndSqvW> #MedEdChat <https://t.co/q35r4k9HaM>



**Tejas Patel** @GenNextMD8 hours ago

@MedEdChat More hollistic approach and supporting learning environment..seen some educators are so wonderful and know exactly what they see ahead and others may need some more support #mededchat #MedEd



**Gail Sullivan** @DrMedEd itor8 hours ago

T2 Not true yet - but maybe in the future? #mededchat #jgme #facdev



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago

@debsimpson3 @JonLimMD T1 This is true, but what about the educational bystander? Those faculty who teach, but it's not their primary role? How do we engage them in this journey of exploration? #mededchat



**Jill Allenbaugh** @JMAllenbaugh8 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Tejas Patel** @GenNextMD8 hours ago

@GLBDallaghan @MarcdanteKaren @MedEdChat Would help educators and we are seeing this with this twitter chat...#mededchat I am optimistic.



**Eric Holmboe** @boedudley8 hours ago

RT @debsimpson3: @JournalofGME T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome i...



**Teresa Chan** @TChanMD8 hours ago

@MedEdChat #facdev #mededchat T2: We need to find ways to let people play, discover, and upskill themselves. #meded

---

**Gail Sullivan** @DrMedEd [8 hours ago](#)



[@GLBDallaghan](#) [@MarcdanteKaren](#) [@MedEdChat](#) T2 Perhaps med educators will leave school & training with more relevant skills, then track into jr educator positions with assigned mentors, who will work closely, collaboratively, to develop chosen areas of focus? More mentoring in the future? [#jgme](#) [#mededchat](#) [#FacDev](#)

---

**Karen Marcdante** @MarcdanteKaren [8 hours ago](#)



[@GLBDallaghan](#) [@debsimpson3](#) [@JonLimMD](#) Motivating as [#mededucators](#) for the future. Many enter [#academia](#) for that reason. [#mededchat](#)

---

**John Lowry PhD** @DrJohn58858 [hours ago](#)



[@MedEdChat](#) T2: Those in [#FacDev](#) will need to be able to mentor faculty through advances in tech. Even if not an expert, having trusting relationships will encourage faculty to keep learning with confidence. [#mededchat](#) [#MedEd](#)

---

**Lainie Yarris MD MCR** @lainieyarris [8 hours ago](#)



T2: [#FacDev](#) that teaches the skills needed for evolving [#mededucator](#) roles (eg dx assessor, curator, navigator/coach, learning environment designer) by designing a community of practice that applies them may help! [#mededchat](#) [@MedEdChat](#)

---

**Mohamed Soliman** @MSolimMS48 [hours ago](#)



RT [@debsimpson3](#): [@JournalofGME](#) T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome i...

---

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



RT [@debsimpson3](#) T2 Tech has always been present - from telegraph to telephone to audio with slide carousels-[#tech](#) advances can free up time-it's how we use that time to promote [#learning](#) human connects that our decision. Choose wisely considering the evidence! [#MedEdChat](#)

---

**Tom Cooney MD MACP** @PDX Tom [8 hours ago](#)



RT [@debsimpson3](#): [@MedEdChat](#) T1 Arvandi found that activities that adversely affect one's purpose and sense of identity may accelerate burno...

---

**Jonathan Lim** @JonLimMD [8 hours ago](#)



T2 I wonder if there is studies to understand how new EMR and SoMe adoption has been successful via faculty development. Can current [#FacDev](#) strategies with ongoing identity change and growth be used in the future? Or will those changes be too dynamic and significant? [#mededchat](#)



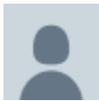
**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

[@MedEdChat](#) T2: cont... local communities. Wouldn't it better if we can provide services for each roles [#FacDev](#) when it is needed [#MedEdChat](#)



**MedEd Chat** @MedEdChat8 hours ago

RT [@debsimpson3](#) T1 If we can frame it as a way to achieve their purpose/goals as teachers they will lead the journey. We need to support [#mededucators](#) identity/purpose which has always been to advance [#learning](#) in the next gen so they can be proud to refer patients! [#MedEdChat](#)



**Karen Marcdante** @MarcdanteKaren8 hours ago

[#MedEdChat](#) T2: Just learned about Productivity coaching - may be a useful, time efficient [#FacDev](#) strategy - combining [#coaching](#) and technology in time efficient strategy #MedEdChat



**Sateesh Arja, MD, MPH** @ArjaSateesh8 hours ago

[@MedEdChat](#) [#mededchat](#) T2 Strategy for CPD or faculty development is same and as follows; what we as faculty required to learn, plan how we learn, dissemination of learned information and or putting into practice, and the outcomes on practice due to faculty development activities [#meded](#)



**MedEd Chat** @MedEdChat8 hours ago

RT [@MarcdanteKaren](#): [#MedEdChat](#) T2: Just learned about Productivity coaching - may be a useful, time efficient [#FacDev](#) strategy - combinin...



**Tom Cooney MD MACP** @PDX Tom8 hours ago

[@MedEdChat](#) [@debsimpson3](#) We also need evidence that the new technology promotes learning and retention and as [@TChanMD](#) observed is worth the cost [#mededchat](#) [#taxingatORD](#)



**MedEd Chat** @MedEdChat8 hours ago

RT [@lainieyarris](#): T2: [#FacDev](#) that teaches the skills needed for evolving [#mededucator](#) roles (eg dx assessor, curator, navigator/coach, lea...



**Deb Simpson** @debsimpson38 hours ago

T2 Agree - our teachers and physicians find [#meaning](#) as educators and belonging to a community supports their [#wellbeing](#) and [#growth](#). [@lainieyarris](#) [@DrMedEd](#) itor [@TChanMD](#) [@MayoFacDev](#) [#MedEdChat](#)

---

**Deb Simpson** @debsimpson38 hours ago



T2: Thinking about [#CoP](#) and [#FacDev](#) what comes up but one of those [@MedTeachJournal](#) 12 Tips I love – See de Carvalho-Filho implementing a community of practice for [#FacDev](#) Med Teach. 2019 Feb 1:1-7. doi: 10.1080/0142159X.2018.1552782. [#MedEdChat](#) [@lainieyarris](#)

---

**MedEd Chat** @MedEdChat8 hours ago



RT [@PDX Tom](#): [@MedEdChat](#) [@debsimpson3](#) We also need evidence that the new technology promotes learning and retention and as [@TChanMD](#) observed...

---

**Brenda Roman** @BJBRoman8 hours ago



[@GLBDallaghan](#) [@MarcdanteKaren](#) [@MedEdChat](#) T2. But tech can also hinder relationships, especially joe the EHR has impacted the doctor-patient relationship. [#mededchat](#)

---

**MedEd Chat** @MedEdChat8 hours ago



RT [@debsimpson3](#): T2: Thinking about [#CoP](#) and [#FacDev](#) what comes up but one of those [@MedTeachJournal](#) 12 Tips I love – See de Carvalho-Filh...

---

**Teresa Chan** @TChanMD8 hours ago



RT [@PDX Tom](#): [@MedEdChat](#) [@debsimpson3](#) We also need evidence that the new technology promotes learning and retention and as [@TChanMD](#) observed...

---

**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago



RT [@GLBDallaghan](#): T1 This may sound a little flippant, but with advances in AI and VR, I think [#facdev](#) is going to require a lot of [#coachi...](#)

---

**Deb Simpson** @debsimpson38 hours ago



It's a theme we can all agree on! What's the ROI for learning! - for tech, for simulation, for books, webinars, and 1on1 [#teaching](#) [#learning](#)? We need more colleagues to pursue systematic inquiry as [#MedEd](#) [#scholar](#) [#MedEdChat](#) [@PDX Tom](#) [@lainieyarris](#)

---

**Elizabeth Ryan** @ElizabethRyanIU8 hours ago



T2: We need to look at developing programs to educate the next generation of MedEders with these roles in mind. We also need to focus on diversity and team teaching (core faculty). [#MedEdChat](#)

---

**Tom Cooney MD MACP** @PDX Tom8 hours ago



[@MedEdChat](#) [@debsimpson3](#) [@TChanMD](#) Example: retention may be better with written notes than typed. Yet we really have not adequately studied such issues. [#mededchat](#)



**MedEd Chat** @MedEdChat8 hours ago

RT @debsimpson3: It's a theme we can all agree on! What's the ROI for learning! - for tech, for simulation, for books, webinars, and 1on1...



**MedEd Chat** @MedEdChat8 hours ago

Topic 3: How use the power of faculty #Peers and colleague network(s) to support faculty #Growth in their #mededucator #Identity AND #Education expertise? #mededchat #meded #facdev



**Gary Beck Dallaghan** @GLBDallaghan8 hours ago

@PDX Tom @MedEdChat @debsimpson3 @TChanMD #Meded ucators haven't but #edpsych has. A lot could be learned from colleagues in psychology (cognitive and educational) #mededchat



**Tom Cooney MD MACP** @PDX Tom8 hours ago

@MedEdChat Learning communities can be critical both in growth and sustainability. #mededchat



**Deb Simpson** @debsimpson38 hours ago

@PDX Tom @MedEdChat @TChanMD T2 Worry this is a chicken and egg - so how can we do action-studies that will answer these questions. Should this be the focus of our communities of practice in #meded? @lainieyarris #MedEdChat



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT @PDX Tom: @MedEdChat @debsimpson3 We also need evidence that the new technology promotes learning and retention and as @TChanMD observed...



**Karen Marcdante** @MarcdanteKaren8 hours ago

@MedEdChat T3: Seek colleagues that you can help and those that can help you to expand your network in #medEd. #mededchat



**Deb Simpson** @debsimpson38 hours ago

T3 Thinking @posucsf work on identity formation of occasional #MedEd #FacDev ers. None saw themselves as primarily a #FacDev er. Yet did see as part of an evolving identity in 1/5 ways @AcadMedJournal 2014;89(11):1467-1473. doi:10.1097/ACM.0000000000000374. #MedEdChat @ucsfmed https://t.co/eWT7GijcKn



**Lainie Yarris MD MCR** @lainieyarris8 hours ago

T3: 1) Mentor each other in evolving #mededucator roles; 2) intentionally design teams to incorporate roles; 3) partner with colleagues to develop #FacDev strategies that are implemented and studies in multiple centers. @MedEdChat #mededchat



**Jennifer Meka, PhD** [@JenniferMeka8 hours ago](#)

RT [@lainieyarris](#): T2: [#FacDev](#) that teaches the skills needed for evolving [#mededucator](#) roles (eg dx assessor, curator, navigator/coach, lea...



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

T3 Establishing a culture that is open to trial and error to foster learning is how I see this question being answered [#mededchat](#)



**Karen Marcdante** [@MarcdanteKaren8 hours ago](#)

[#MedEdChat](#). T3: Be helpful - offer support regularly to promote [#growth](#) as [#mededucator](#). [#mededchat](#)



**Gail Sullivan** [@DrMedEd itor8 hours ago](#)

[@MedEdChat](#) T3 I actually think that there has to be much stronger local mentoring of jr educators for clearly defined educator paths. Vs national & internat'l networks to support research-most projects will be done thru large networks, rather than a single site [#jgme](#) [#mededchat](#) [#FacDev](#)



**Tejas Patel** [@GenNextMD8 hours ago](#)

[@MedEdChat](#) This is a great question and a challenge. Understanding strengths of faculty peers remains core to understanding how we can empower them [#mededchat](#) Once we unleash it, they run with it. It's a great experience to see.



**Karen Marcdante** [@MarcdanteKaren8 hours ago](#)

[#MedEdChat](#) T3: Be helpful - offer support regularly to promote [#growth](#) as [#mededucator](#). [#mededchat](#)



**Larry Hurtubise** [@hur2buzy8 hours ago](#)

T2 [#MedEdChat](#) there are good strategies and some literature in this recent article Strengthening Teachers' Professional Identities Through Faculty Development. - PubMed - NCBI <https://t.co/Gb1ii9YsqV>



**Deb Simpson** [@debsimpson38 hours ago](#)

[@lainieyarris](#) [@MedEdChat](#) T3: Agree - mentor / peers are powerful teachers for [#mededucator](#) roles. We may need to elucidate these opportunities and embed & recognize them as [#FacDev](#) [#MedEdChat](#)



**Jonathan Lim** [@JonLimMD8 hours ago](#)

[@DrMedEd itor](#) [@MedEdChat](#) Mentoring junior faculty may also allow potentially more digitally savvy "natives" to share tech skills with more senior faculty. Win-win [#mededchat](#)

---

**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago



@MedEdChat T3: by encountering the two groups, first group consist of faculty who wish and/or need #FacDev where second group has the role models and potential mentors to the first group. #MedEdChat #MedEd

---

**Karen Marcdante** @MarcdanteKaren8 hours ago



#MedEdChat T3: Seek colleagues that you can help and those that can help you to expand your network in #medEd. #mededchat

---

**Sateesh Arja, MD, MPH** @ArjaSateesh8 hours ago



@MedEdChat #mededchat T3 dissemination of learned information to the peers is an important part of strategy of faculty development. And also networking through organizations like IAMSE, AMEE, and ASME etc.. also play important role #meded

---

**Deb Simpson** @debsimpson38 hours ago



@JonLimMD @DrMedEd itor @MedEdChat T3 I do it all the time to #learn. Do we recognize those who expend these efforts? Do we think of this as #facdev? We also need to work on these mechanisms need to value these activities as individuals, departments, and organizations. #MedEdChat

---

**Larry Hurtubise** @hur2buzy8 hours ago



T3 #mededchat Academies can make for a supportive community and provide access to Role Models

---

**MedEd Chat** @MedEdChat8 hours ago



RT @hur2buzy: T2 #MedEdChat there are good strategies and some literature in this recent article Strengthening Teachers' Professional Ident...

---

**MedEd Chat** @MedEdChat8 hours ago



RT @ArjaSateesh: @MedEdChat #mededchat T3 dissemination of learned information to the peers is an important part of strategy of faculty dev...

---

**MedEd Chat** @MedEdChat8 hours ago



RT @hur2buzy: T3 #mededchat Academies can make for a supportive community and provide access to Role Models <https://t.co/ViF4afhdOG>

---

**Jonathan Lim** @JonLimMD8 hours ago



@debsimpson3 @DrMedEd itor @MedEdChat Yeah, recognition for both the mentoring senior faculty and the junior faculty mentee. I suspect that the model of the junior faculty teaching senior faculty is how SoMe and EMR skills have led to change in identity-roles of current clinician educators. #mededchat



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago

RT @hur2buzy: T3 #mededchat Academies can make for a supportive community and provide access to Role Models <https://t.co/ViF4afhdOG>



**Thurayya Arayssi** @TArayssi8 hours ago

T2 I think tech could enhance relationship and outreach and decrease cost



**Larry Hurtubise** @hur2buzy8 hours ago

T3 Hang with role models like @debsimpson3 and @KMarcdante at @thecgea #mededchat



**Alëna A. Balasanova, MD, FAPA** @DrPsychMD8 hours ago

@GLBDallaghan @MarcdanteKaren @MedEdChat T2 Increased use of tech has also been associated with burnout. When we automate processes that previously involved human connection (even if some degree of risk or uncertainty) we lose human interactions that are special- and this is something to strongly consider. #mededchat



**Tejas Patel** @GenNextMD8 hours ago

@JonLimMD @debsimpson3 @DrMedEd itor @MedEdChat Amen. We all can learn from learners and it's a two way street. Educating the educator! #mededchat



**Santchi** @SantchiWeb8 hours ago

RT @DrPsychMD: @GLBDallaghan @MarcdanteKaren @MedEdChat T2 Increased use of tech has also been associated with burnout. When we automate pr...



**Sateesh Arja, MD, MPH** @ArjaSateesh8 hours ago

RT @ArjaSateesh: @MedEdChat #mededchat T2 Strategy for CPD or faculty development is same and as follows; what we as faculty required to le...



**Elizabeth Ryan** @ElizabethRyanIU8 hours ago

T3 @GLBDallaghan in addition reciprocal learning (everyone teaches and everyone learns). #mededchat



**Alëna A. Balasanova, MD, FAPA** @DrPsychMD8 hours ago

@MarcdanteKaren @MedEdChat T2 Depersonalization is perhaps one of the great tragedies of modern medicine today...and has in large part led to burnout, depression, and even suicide. #mededchat



**Deb Simpson** @debsimpson38 hours ago

@hur2buzy T2 Indeed critical series of articles by @posucsf + colleagues Our work highlights the value of peers as #facdev ers - not new approach - what's new is need to be explicit. It's a yes and: #cognitive + #psychomotor + #affective = purposeful evidence driven #facdev. #MedEdChat



**Tom Cooney MD MACP** @PDX Tom8 hours ago

RT @debsimpson3: It's a theme we can all agree on! What's the ROI for learning! - for tech, for simulation, for books, webinars, and 1on1...



**Karen Marcdante** @MarcdanteKaren8 hours ago

T3: It helps to introduce yourself to lots of people whenever you are at meetings with wonderful #mededucators like #AAMC, #theCGEA. #MedEdChat



**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



**MedEd Chat** @MedEdChat8 hours ago

RT @DrPsychMD: @MarcdanteKaren @MedEdChat T2 Depersonalization is perhaps one of the great tragedies of modern medicine today...and has in...



**Larry Hurtubise** @hur2buzy8 hours ago

RT @GLBDallaghan: T3 Establishing a culture that is open to trial and error to foster learning is how I see this question being answered #m...



**Jonathan Lim** @JonLimMD8 hours ago

T3 from SoMe to transition to EMR to adoption of POCUS-- mentorship between senior faculty with methods/theory/resources and junior faculty who may more intuitively facile with new tech may continue to be the model for future change in identity/roles in #meded #mededchat



**Deb Simpson** @debsimpson38 hours ago

This #mededchat may be over but #CoP #FacDev is amazing - growing @ameefacdev @mayofacdev @CentreforFacDev @MedEdNext @widfm @AuroraMedEd. Let's focus on #future 4 #mededucators by designing #FacDev for where puck will be using peer champions! Tx! @JournalofGME See you #AAMC2020 <https://t.co/uUv6WKmGbE>



**Tejas Patel** @GenNextMD8 hours ago

@DrPsychMD @GLBDallaghan @MarcdanteKaren @MedEdChat Good point. Ought to improve the interaction between tech-humans as old days are not coming back (Can't day they were good old days)..things are improving but it's certainly not at a level of instant change. Age of app delivering food home, healthcare seems prehistoric #mededchat



**Larry Hurtubise** @hur2buzy8 hours ago

#mededChat is impatience a problem with adopting a trial and error culture?

---

**Gary Beck Dallaghan** @GLBDallaghan8 hours ago



[@MarcdanteKaren](#) If you're at [#AAMC19](#) then you should drop in for our [#TweetUp](#) on Nov 11th at 11:30 in the 2nd floor AAMC Connect Space....meet other [#meded](#) Tweeters [@kristinadzara](#) [@hur2buzy](#) [@myheroistrane](#) [@SSawning](#) [#mededchat](#)

---

**Larry Hurtubise** @hur2buzy8 hours ago



RT [@GLBDallaghan](#): [@MarcdanteKaren](#) If you're at [#AAMC19](#) then you should drop in for our [#TweetUp](#) on Nov 11th at 11:30 in the 2nd floor AAMC...

---

**Karen Marcdante** @MarcdanteKaren8 hours ago



Changes in [#MedEd](#) and [#FacDev](#) challenge purpose and identity in us all. Finding strategies to keep up with dynamic changes and [#networking](#) can help us serve all of our learners [#MedEdChat](#)

---

**Larry Hurtubise** @hur2buzy8 hours ago



[#theCgea](#) [#hmichat](#) should join the fun too

---

**Gary Beck Dallaghan** @GLBDallaghan8 hours ago



[@hur2buzy](#) Perhaps....but I think we don't go there because of this perception that physicians are supposed to be perfect in all they do. Sadly that gets transferred to [#medstudents](#) which creates a whole new set of stressors leading to burnout [#mededchat](#)

---

**MedEd Chat** @MedEdChat8 hours ago



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

---

**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



RT [@MarcdanteKaren](#): Changes in [#MedEd](#) and [#FacDev](#) challenge purpose and identity in us all. Finding strategies to keep up with dynamic cha...

---

**Tejas Patel** @GenNextMD8 hours ago



[@MedEdChat](#) Embrace technology Empower young faculty and learner Learn your faculty peer strengths and support them Remain measured in expectations and optimistic in human spirit [#mededchat](#) [#MedEd](#)



**Lainie Yarris MD MCR** @lainieyarris8 hours ago  
[@hur2buzy](#) Impatience, or fear of failure? [#mededchat](#)



**Gail Sullivan** @DrMedEd 8 hours ago  
[@hur2buzy](#) T3 impatience is a problem, agree! Learning takes time, reflection - there are false starts and do-overs along the way [#mededchat](#) [#jgme](#) [#facdev](#)



**Alexandra Harrington** @alimharrington8 hours ago  
[@MCW Kern](#)

JGME

**JGME** @JournalofGME8 hours ago  
Thank you everyone for joining us tonight for a great discussion [#MedEdChat](#)



**Tom Cooney MD MACP** @PDX Tom8 hours ago  
RT [@debsimpson3](#): T3 Thinking [@posucsf](#) work on identity formation of occasional [#MedEd](#) [#FacDev](#) ers. None saw themselves as primarily a [#Fac...](#)



**Tom Cooney MD MACP** @PDX Tom8 hours ago  
RT [@debsimpson3](#): This [#mededchat](#) may be over but [#CoP](#) [#FacDev](#) is amazing - growing [@ameefacdev](#) [@mayofacdev](#) [@CentreforFacDev](#) [@MedEdNext](#) [@wid...](#)



**Yusuf Yilmaz** @YusufYilmazPhD8 hours ago  
RT [@MarcdanteKaren](#): Changes in [#MedEd](#) and [#FacDev](#) challenge purpose and identity in us all. Finding strategies to keep up with dynamic cha...



**Larry Hurtubise** @hur2buzy8 hours ago  
[#medEdChat](#) [LRI](#):[@lainieyarris](#)<sup>PDI</sup> This is an excellent resource and addresses how imposter syndrome impacts writing The Productive Academic Writer: An Easy-To-Read Guide To Low-Stress Prolific Writing eBook: Kasthurirangan Gopalakrishnan: Kindle Store <https://t.co/3vhCbCOjZm>



**Ashraf Elghul** @mlelghul7 hours ago  
RT [@JournalofGME](#): T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**MedEdBot** @MedEdBot7 hours ago  
RT [@MarcdanteKaren](#): Changes in [#MedEd](#) and [#FacDev](#) challenge purpose and identity in us all. Finding strategies to keep up with dynamic cha...



**MedEdBot** @MedEdBot7 hours ago

RT @MedEdChat: That's a wrap...I will post the #mededchat transcript tomorrow morning on <https://t.co/mJivoK9NyX> on the Resources page. Tha...



**MedEdBot** @MedEdBot7 hours ago

RT @MedEdChat: Join us again next week at 9 pm Thursday. Don't forget to suggest topics by DM or email [#meded](#) [#mededchat](#)



**Eric Warm** @CincyIM7 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Deirdre Bonnycastle** @DedeBonnycastle7 hours ago

RT @JournalofGME: T1 The future might lead to new roles, including: diagnostic assessor; content curator; technology adopter; learner-cente...



**Teresa Chan** @TChanMD7 hours ago

@PDX Tom @MedEdChat @debsimpson3 Beg to differ. Been studied a lot in other field. Not sure I buy that #MedEd is so desperately unique that other human research has no place in our classrooms. [#MedEdchat](#)



**Kristina Dzara, PhD, MMSc** @kristinadzara7 hours ago

RT @GLBDallaghan: @MarcdanteKaren If you're at #AAMC19 then you should drop in for our [#TweetUp](#) on Nov 11th at 11:30 in the 2nd floor AAMC...



**Teresa Chan** @TChanMD6 hours ago

RT @debsimpson3: T2: At #AAMC2019 found out by applying Schlossberg's Role Transition Model – the critical, often missing [#FacDev](#) element w...



**Tom Cooney MD MACP** @PDX Tom6 hours ago

RT @debsimpson3: T2: At #AAMC2019 found out by applying Schlossberg's Role Transition Model – the critical, often missing [#FacDev](#) element w...



**Kristina Dzara, PhD, MMSc** @kristinadzara6 hours ago

RT @debsimpson3: @JournalofGME T1 What are those roles- how did we get to them and what is contributing to that change? Check out awesome i...



**Elissa Hall** @erhall16 hours ago

RT @kristinadzara: Hey #HMIHCE! No better time to try out a tweet chat than tonight! Join #MedEdChat at 9pm EST tonight for a discussion...



**Mike Paddock** @mikepaddock6 hours ago

RT @lainieyarris: T2: #FacDev that teaches the skills needed for evolving #mededucator roles (eg dx assessor, curator, navigator/coach, lea...



**Amy Miller Juve** @JuveAmy5 hours ago

@MedEdChat T1: don't be afraid to look to your colleagues outside of meded to find #facdev and #educator support. We can learn a lot from our #highered #kthru12 and #business colleagues. #mededchat



**Amy Miller Juve** @JuveAmy5 hours ago

@MedEdChat T2: find people you trust and who will "poke holes" in your teaching practice or thought process. Enlist them to be your best (and most supportive) critic. #growthmindset #facdev #mededchat



**Amy Miller Juve** @JuveAmy5 hours ago

@MedEdChat T3: community of practice....develop one, find one, engage in one. Don't spin your wheels. You won't be sorry. #facdev #mededchat



**Healthcare-Global** @HealthcareGlob1an hour ago

RT @MedEdChat: The #mededchat topic & questions will be announced in a moment...for now, please introduce yourselves #meded



**Sonia Crandall** @SoniaCrandall26 minutes ago

Wow, that's beautiful!

# Job Roles of the 2025 Medical Educator

3 major driving forces in healthcare and medical education:

1. **Democratization**
  - The act of making something available to or understandable by all people
2. **Commoditization**
  - Goods/services become so similar to one another that the only distinguishing feature is pricing
3. **Corporatization**
  - To subject to corporate ownership or control

The practice of medicine is transforming from the Information Age



Age of Artificial Intelligence



**Education Changes:**

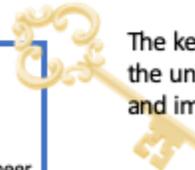
1. Anytime/anywhere adaptive strategies driven by learning analytics
2. Virtual/augmented reality
3. Gamification
4. Mobile / wearable technology

**Future Trends in Medical Education**

- Outsourcing of education: online
- Technology: virtual / augmented reality + learning analytics to support learning and real-time assessment
- Learning Analytics & Big Data: personalized learning
- Learner as consumer and co-designer... obtaining certificates as prep for specific role or job
- Regulation/Alignment: 1) align education and clinical care outcomes, 2) team care, 3) distributed decision-making, supported by AI

**2025 Medical Educator Job Roles**

- Diagnostic Assessor
- Content Curator (versus creator)
- Technology Adopter
- Learner-Centered Navigator and Professional Coach
- Clinician Role Model
- Learning Environment Designer, Engineer, Architect, and Implementer



The key to this medical educator role is the underlying foundation in learning and implementation sciences.

Simpson D, Marcodante K, Souza KH, Anderson A, Holmboe E. Academic Medicine. 2018.

# The #MedEdChat Influencers

## Top 10 Influential



[@MedEdChat](#) 100



[@debsimpson3](#) 93



[@TChanMD](#) 72



[@PDX\\_Tom](#) 66



[@hur2buzy](#) 63



[@GLBDallaghan](#) 62



[@MarcdanteKaren](#) 59

JGME

[@JournalofGME](#) 56



[@lainieyarris](#) 49



[@DrMedEd\\_itor](#) 48

## Prolific Tweeters



[@MedEdChat](#) 31



[@debsimpson3](#) 18



[@YusufYilmazPhD](#) 16



[@TChanMD](#) 16



[@MarcdanteKaren](#) 14



[@GLBDallaghan](#) 11



[@hur2buzy](#) 9



[@DrMedEd\\_itor](#) 9



[@PDX\\_Tom](#) 8



[@GenNextMD](#) 7

## Highest Impressions



[@MedEdChat](#) 230.1K



[@TChanMD](#) 182.8K

JGME

[@JournalofGME](#) 22.9K



[@PDX\\_Tom](#) 17.2K



[@hur2buzy](#) 15.1K



[@GLBDallaghan](#) 14.5K



[@debsimpson3](#) 11.5K



[@kristinadzara](#) 9.4K



[@MedEdBot](#) 8.6K



[@SantchiWeb](#) 8.2K