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Charles A. Dana Center

Developing the Whole Teacher with Social Networks

Ryan Timmons, Professional Learning Facilitator

Michael Greenlee, Professional Learning Facilitator

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Engage with the Dana Center

facebook.com/utdanacenter
facebook.com/mathcuts

@UTDanaCenter

Conference Hashtag: #gotmath

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About the Dana Center

– Equity — Access — Excellence –

2018

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Dana Center by the Numbers

We supported 60,500 K-12 students attending school on U.S. military bases through our work with the **U.S. Department of Defense Education Activity**.

60,500

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Dana Center by the Numbers

By the close of 2017, the Dana Center had contributed to the **implementation of math pathways** in higher education systems, institutions, and campuses in 29 states.

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Dana Center by the Numbers

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We engaged with
118 districts in 23 states
to provide middle and high school
math courses of the **highest quality**,
as recognized by rigorous state
and national reviews,
including EdReports.org.

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Developing the Whole Teacher with Social Networks

- Examine what are social and emotional learning (SEL) needs for teachers vs. those of students.
- Discuss the role that social networks are playing in meeting teachers' SEL needs.
- Introduce ideas currently being used to enhance the impact that social networks have on teacher professional learning.

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What is Social and Emotion Learning (SEL)?

"[Social and emotional] skills can be grouped into three interconnected domains: (1) cognitive skills including executive functions such as working memory, attention control and flexibility, inhibition, and planning, as well as beliefs and attitudes that guide one's sense of self and approaches to learning and growth; (2) emotional competencies that enable one to cope with frustration, recognize and manage emotions, and understand others' emotions and perspectives; and (3) social and interpersonal skills that enable one to read social cues, navigate social situations, resolve interpersonal conflicts, cooperate with others and work effectively in a team, and demonstrate compassion and empathy toward others," [*]
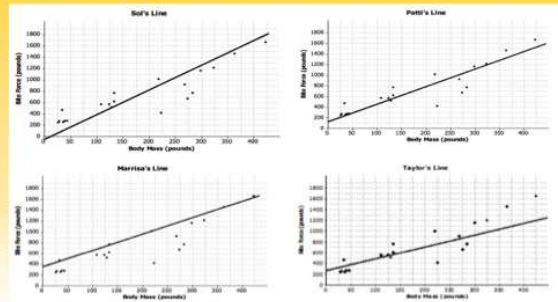
[*]

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Learning Activity or Active Learning

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Who uses social networks for professional learning

Directions for Polleverywhere

By Computer: PollEv.com/ryantimmons281

By Text: Text ryantimmons281 to 22333 to join,

   then A, B, C, D or E to answer

Developing the Whole Teacher with Social Networks

Exploring, embracing, and growing opportunities

Do you look for professional learning outside of the provided materials by your district?

A) Yes, I do frequently.

B) Yes , but not very often.

C) No, but I have thought about beginning to look.

D) No, I have not looked outside my district.

- Directions for Polleverywhere
- By Computer: PollEv.com/ryantimmons281
- By Text: Text **ryantimmons281 to 22333 to join**,
- then A, B, C or D to answer

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Developing the Whole Teacher with Social Networks

Exploring, embracing, and growing opportunities

"With knowledge doubling every year and the pressure to keep up ever increasing, one's links to other professionals is becoming even more important, especially as a means for efficiently gaining access to and filtering information..."

Sherer, P. D., Shea, T. P., & Kristensen, E. (2003). Online communities of practice: A catalyst for faculty development. *Innovative Higher Education*, *27*(3), 183-19.

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Developing the Whole Teacher with Social Networks

Where does professional learning take place?

What places do you look for professional learning opportunities?

A) Colleagues (within my school, on other campuses or in other districts)

B) Professional organizations (online materials, books, or conferences)

C) Social media (Twitter, Facebook, Pinterest, Instagram, blogs, chats …)

D) Higher education institutes

E) Other

- Directions for Polleverywhere
- By Computer: PollEv.com/ryantimmons281
- By Text: Text **ryantimmons281 to 22333 to join**,
- then select all that apply

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Developing the Whole Teacher with Social Networks

How do we engage?

How do you engage with others in your social network?

A) I fully participate with other, sharing resources, ideas and discussions.

B) I choose a few things to participate but not fully in everything.

C) I observe and take away ideas but generally don't share materials or participate in discussions.

D) I check in for major things but don't use them much.

E) Not applicable or not at all

- Directions for Polleverywhere
- By Computer: PollEv.com/ryantimmons281
- By Text: Text **ryantimmons281 to 22333 to join**,
- then A, B, C, D or E to answer

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Deliberate Learning within Social Networks

The communities we engage in

"The realization of online learning communities to facilitate teacher professional development is a matter of carefully and deliberatively designing dynamic learning environments that foster a learning culture."

Lock, J. V. (2006). A new image: Online communities to facilitate teacher professional development. *Journal of Technology and Teacher Education*, *14*(4), 663.

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Why do you participate?

What most influences the level of your participation with the learning in your social network?

A) Quality of discussion

B) Content being discussed is relevant to me

C) Materials being shared

D) The members of the network

E) My time and availability

• Directions for Polleverywhere
• By Computer: PollEv.com/ryantimmons281
• By Text: Text **ryantimmons281 to 22333 to join**,
• then A, B, C, D or E to answer

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Professional learning is changing to be more social

Old model
- Singular grade or school
- Rarely included those outside the content
- Moderated by its members

New Model
- Broader idea of community now includes all members "of the system"
- Spaces for learning go beyond physical boundaries
- Moving into the online realm for connecting and learning
- Moderated by leaders with vision for community

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Developing the Whole Teacher with Social Networks

Improving our learning with social interactions
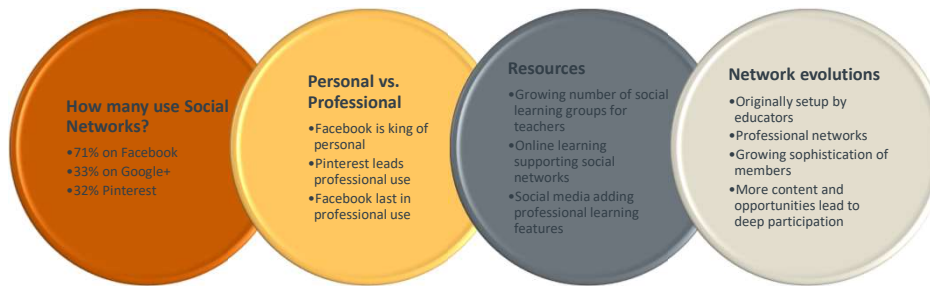
Exploring, embracing, and growing opportunities

Expanding your participation

Utilizing the right resources

Filling a community with the right members

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Current trends in the use of social media for educators

How many use Social Networks?
•71% on Facebook
•33% on Google+
•32% Pinterest

Personal vs. Professional
•Facebook is king of personal
•Pinterest leads professional use
•Facebook last in professional use

Resources
•Growing number of social learning groups for teachers
•Online learning supporting social networks
•Social media adding professional learning features

Network evolutions
•Originally setup by educators
•Professional networks
•Growing sophistication of members
•More content and opportunities lead to deep participation

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How are your social networks meeting your needs?

Turn and talk with your neighbor

- What social networks are you a part of?
- What professional learning have you participated in within those networks?
- What is one way you will deepen you participation within your networks?

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Example: MathCuts - Division

https://www.youtube.com/watch?v=kIwanXIgxko

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Contact Information

Ryan Timmons   rtimmons@austin.utexas.edu
Michael Greenlee   michael.greenlee@austin.utexas.edu
(512) 471-2759

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