

## Theme of the Month Webinar Panel

### Integrating Emerging Technologies into Teaching Practice February 10th at 4 PM EST



*This webinar is sponsored by the CIRCLS resource center in collaboration with the Multiplex and STEM Teacher Leadership Network. It is co-moderated by Tom Moher and Wendy Martin.*



### Webinar Chat

**Joni Falk:** Welcome all. We will start at 2 min after the hour to let everyone login.

**Joni Falk:** You can introduce yourselves in the chat.

**Adi H:** Hi, Adi Hanein with University of Washington in Seattle, WA!

**Melinda S:** Hi All - joining from Minneapolis

**Kelly G:** Thank you! We are excited to include your webinar in the 10th Season of the Arizona SciTech Festival with SciTech Institute. We are looking forward to learning from your panelists.

**Brian F:** Hi everyone - Brian Foley from Los Angeles

**Samantha B:** Hi everyone, Sam Bindman from foundry10, also in Seattle!

**Christine S:** Hello! Christine Sachs from Cary, NC.

**Ibidunni O:** Hi Ibidunni is from Arlington, Virginia. I work as a teacher of DHoH and ASL program for numerous schools. I am seeking teacher of DHoH and ASL at a state of school or assistant professor at a university or college this year hopefully. Nice to meet you again! 😊

**Natali B:** Hello from Albuquerque

**Jake F:** Jake Foster, STEM Learning Design, Massachusetts

**Michelle D:** Hi! Michelle From Lewiston, Maine. I teach middle school ELA.

**Ari T:** Hi, all! Ari Torralba from Dallas, Texas!

**Jose-Pedro R:** Hello from Brasil.

**Carlos M:** Hello everybody. I am Carlos Monteiro from Federal University of Pernambuco, Brazil.

**Noel Enyedy:** I'm Noel from Nashville

**john c:** Greetings!

**Irina L:** Hello! Irina Lyublinskaya, Teachers College, Columbia University, NYC

**Laura P:** Learning by Making Project Manager at Sonoma State University in California

**Laura D:** Hi from near Houston, TX. I'm a school board member.

**Joshua D:** Hi all from Indiana!

**Andi G:** Hello! Andi joining from Milwaukee, WI

**Elizabeth T:** Hello from Minneapolis, Minnesota

**Kelly G:** Hello everyone! Tempe, Arizona. :)

**Nada M:** Hi from MD!

**David L:** Hello from DC.

**Kripa S:** Hi Dr. Kripa Sundar from Portland. I work across stakeholders ([www.kripasundar.com](http://www.kripasundar.com)) and spend much of my time supporting edtech start ups build better products ([www.edtechrecharge.com](http://www.edtechrecharge.com)). Excited to meet you all

**Wendy Martin:** Hi Laura from Sonoma!

**Laura P:** Hi Wendy! :)

**Fernandes E:** Good evening, from Portugal!

**Kristi M:** Hi from TX.

**Jim Slotta:** Hey all

**Kate C:** Greetings from Brockport NY

**Lu L:** Hello from Illinois!

**Jim Slotta:** from Toronto!

**Sima H:** Hey from Norway!

**Judith O:** Good afternoon from PA

**Lorie J:** Hello from IL!! :)

**Xintian T:** From Indiana~

**Ben N:** Hello from North Dakota.

**Wanda B:** Good afternoon from Michigan!

**Sumreen A:** Good Afternoon from Louisville, KY

**Kelly G:** Thank you all for sharing with us! We are excited to hear your presentations.  
#STEMrocks

**Kim Descoteaux:** This webinar is being recorded and will be available tomorrow at <https://multiplex.videohall.com> and <https://stemtlnet.org/>

**Sumreen A:** What software is this again?

**Xintian T:** We call the mixed-reality environment Science through Technology Enhanced Play (STEP), it used Kinect cameras track students' movement and then input to a simulation.

**Sumreen A:** Thanks!

**Hyejeong L:** Thanks, Xintian!:) )

**Joshua D:** You can see STEP in action in our video showcase video:  
<https://stemforall2016.videohall.com/presentations/726>

**Hyejeong L:** Thank you Dr. Danish!:) )

**Johanna Thompson:** "I'm saying No thank you, Bees!" Love it.

**Susan S:** :)

**Ibidunni O:** The community activities in the STEM for the kids' inspirations while the school semester and campsummer. We volunteer engaged the astronomy activities for all grades while the summer annually. The astronomy has aspected the KWL activities as such as technology, traditionally craft and origami the learning activities and innovations. :-)

**Ibidunni O:** Yes! :)

**Sasha P:** This reminds me of the exhibition Connected Worlds

**Sasha P:** <https://nysci.org/home/exhibits/connected-worlds/>

**Wendy Martin:** Yes, Connected Worlds is a great example of using emerging technologies to support learning

**Noel Enyedy:** @sasha, yes strong similarities between our work and that exhibit. We design for long term experiences though 8-Jun hours of inquiry in the space

**Noel Enyedy:** Over a number of days of course...

**Susan S:** Love the engagement

**Nada M:** Wonderful activities!

**Ibidunni O:** The frog lab was attractive from the students to work in section of their further doctors. They can create what the frog's lesson plans and descriptions to help the technology works. Amazing!

**Elizabeth T:** Will you share your slide presentations? Love what I am seeing but want to check out it out more.

**Jim Slotta:** Teachers having those deep ideas in mind, that we want kids to get to - is vital to any of these things working well ...eminent educators indeed!

**Noel Enyedy:** One amazing thing that happened was that the teachers and the students just took our project as a spark for further inquiry and for action—they spent months after we left building pollination gardens to save the bees.

**Jim Slotta:** @noel/ani - would be interested in how the teacher then moves further into that inquiry (this is where a learning community model could be helpful or knowledge building

**Ana G:** @Noelani I love how you direct the students' attention to environmental issues that negatively affect bees.

**Sarah H:** I need the technology to provide a learning experience that can't be replicated without it. That might be a depth of comprehension or a degree of engagement that leads to a long-lasting desire to continue to think about the concept.

**Noel Enyedy:** Building on Noelani, emerging technologies often provide multiple entry points for students with different strengths. Kids who were not always successful in but-in-chairs lessons really could shine in these spaces, but kids who were good at 'typical' school also could find ways to be successful here.

**Sarah H:** Based on what you just said, in the future, would you consider inviting a teacher into the design and development process?

**Ibidunni O:** If you wonder that the educational technology essential to advance courses for the kids to make their better understandings in smoother years. Thanks!

**Jim Slotta:** @Sarah - always!

**Lu L:** Have to run to another meeting thanks so much for organizing! Really love the complementing research and teaching conversations!

**Johanna Thompson:** :Sarah-Myself and my teaching colleagues were in the design process throughout!

**Sarah H:** Great!

**Michelle D:** I have another meeting at 5:00 pm. This was amazing. Thank you!

**Kim Descoteaux:**

**Breakout questions:**

***For educators:** Have you tried to use emerging technologies in your classroom/school? What was successful? What was not?*

*How could you imagine the emerging technologies we heard about today benefitting you or your students? What challenges would arise?*

***For researchers:** What projects are you working on that involve emerging technologies? How are you involving teachers in the research and design? What have you learned from them?*

**Kelly G:** Microsoft is hosting a LIVE hour of code with us! Super happy I had a chance to listen in! Visit AZSciTech.com for more details.

**Jim Slotta:** Our wallcology teachers were part of the design team for 3 years! (Still - none of us knew what it was really gonna look like until go-time...)

**Noel Enyedy:** We worked with Noelani and 4 other teachers at the school for over 4 years

**Monica C:** I'm going out and coming back in. Having some difficulties.

**Jim Slotta:** wow. Technology really is amazing...

**Ibidunni O:** Group 2

**NATHAN K:** Thanks, All! Great sharing!

**Wendy Martin:** <https://circls.org/educator-circls>

**Jim Slotta:** <http://stemteachingtools.org>

**Kim Descoteaux:** Please join the follow on discussion at <https://multiplex.videohall.com> and <https://stemtlnet.org/>

**Kim Descoteaux:** This webinar is being recorded and will be available tomorrow at <https://multiplex.videohall.com> and <https://stemtlnet.org/>

**Judith O:** Thank you to everyone!

**Jim Slotta:** Thanks Kim, Wendy, Joni, Tom and all

**Jason R:** Thank you all!

**Wendy M:** I use my video all the time to share about my project

**Ibidunni O:** Thanks for your time!

**Elizabeth T:** Thank you!!