



Central Massachusetts STEM Network Ecosystem

Minutes from Full Network Meeting

Thursday, Dec. 5, 2019

The Hanover Insurance Group, Worcester, MA

Networking, snacks, and get-to-know-you STEM! Bingo

Welcome, Overview of CMSN Ecosystem and Updates

Reviewed STEM Learning Ecosystem slides to explain how the CMSNE is transitioning from a network to a collaborative ecosystem.

Nicole Anterni talked about the great success of second annual MA STEM Week. Please submit State's survey ASAP if you ran an event. Visit [this webpage](#) to see the events that were run in Central MA.

Matthew Alvarado-Ross discussed the results of the communications survey that went out to the CMSNE members. People want more networking and to hear from STEM experts at meetings. People want to continue with email communications.

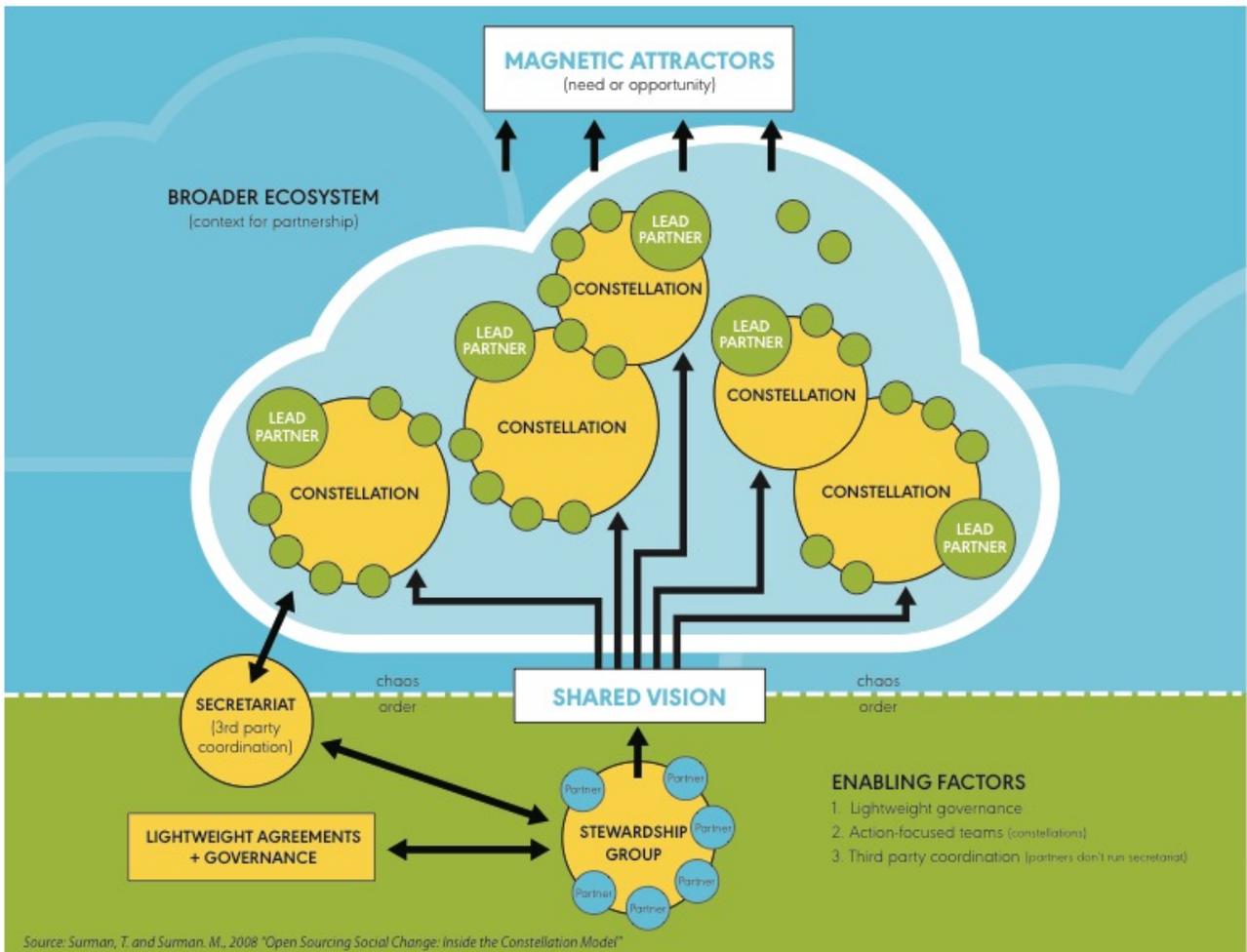
Update about STEM Ecosystem Convening

Kathy Chen and Patty Suomala attended. Met lots of people there, and learned about [STEM Learning Ecosystems](#) all over the country. Learned about [Our Neighborhood](#) website which was recently launched for connecting with families. March 2-4, 2020 is the next national [Convening in San Antonio, TX](#). Kathy has now attended two Convenings so she invited/encouraged others to attend. Most expenses will be covered for two attendees from the CMSNE. Email kcchen@wpi.edu if you are interested in representing the CMSNE in TX in early March.

Anna Crocker mentioned that anyone wanting access to the STEM resources on the internal STEM Learning Ecosystems' Community of Practice website simply needs to send their email address to Anna at acrocker@ecotarium.org. Then she'll request that you be added and given a login to access this large amount of great information.

Overview of Areas of Focus for Ecosystem (Constellations)

Katie Elmes reviewed what constellations are (subcommittees to share the load of running the CMSN Ecosystem and accomplishing things; everyone feels invested and contributing; no one leader with lots of power).



The constellation topics developed in our recent quarterly CMSNE meetings are listed below. After a speed networking activity, the red bold ones were selected by attendees to work on moving forward. Attendees signed up to be part of one of these five constellations, began work/discussions, and reported out briefly as noted below.

- **STEM Professional Development & Support**
 - Integrated STEM, bringing the real world in, elementary science important, MS Hacking STEM possible future event
- **Partnerships for Career Preparation**
 - On ramps...
- **Youth & Family Voice**
 - Want to figure out what we are asking youth and families to do in the CMSNE
- **Outreach, Communication, Community Engagement**
 - Discussing platforms of communication and starting to think about inclusive messaging
- **Cross-Sector Partnerships**

- Possible survey and then encourage all to bring in new members
- **Ecosystem Fundraising & Resource Development**
 - Must be a priority in order for other work to happen
- Events, STEM Week, etc.
- Other new ones suggested at 12/5/19 meeting: 1) Outdoor Education, 2) Hands-on Learning
- Diversity & Equity is not missing, but should be infused across all constellation subcommittees.

Former CMSN Regional Manager Martha Cyr was recognized on her upcoming retirement from the STEM Education Center at WPI and thanked for her many years of service to the CMSNE. Martha has been with the CMSN since its inception in 2004 and will be greatly missed by many!

Closing

Thanks to Melissa Catalfamo and Lori Caron for hosting our meeting at Hanover Insurance and the Transition Team for all their hard work. Email newsletter likely coming soon, possibly through Constant Contact. Please email Nicole at nmanterni@wpi.edu to assist, possibly lead, this new effort.

Upcoming CMSNE Dates

Quarterly Meetings:

1. Thursday, February 27, 3-6pm (location TBD)
2. Thursday, May 14, 3-6pm (location TBD)

31 attendees

- Kathy Chen, STEM Education Center at WPI
- Katie Elmes, STEM Education Center at WPI
- Martha Cyr, STEM Education Center at WPI
- Terry Adams, STEM Education Center at WPI
- Nicole Anterni, WPI Pre-Collegiate Outreach Programs – organized STEM Week for region
- Anna Crocker, EcoTarium
- Melissa Catalfamo, The Hanover Insurance Group
- Lori Caron, The Hanover Insurance Group
- Daron Barnard, Worcester State University
- Dante Quercio, Burncoat Quadrant, Worcester Public Schools
- Kathy Renfrew, Wade Institute for Science Education
- Stephanie Stroud, National Park Service
- Julie Doyle, Public Schools of Northboro & Southboro
- Mervyn Campbell, Mass Commission for the Blind
- Michael Rubin, Uxbridge High School
- Gretchen Fougere, STEM Leadership Advisors
- Ana De la Torre, Big Brothers Big Sisters Central MA/Metrowest

- Deb Feraco, MassHire Workforce Board
- Libis Bueno, Domitek
- Siby Adina, Abby Kelley Foster Charter School
- Liz Bless, SEED Inc.
- Viola Dube, Johnson Controls
- Robert Layne, UMass Med School
- Carlene Sherbourne, Head Start
- Karen Waters, Head Start
- Michelle Santana, Worcester State University
- Jessica Regan, Abby Kelley Foster Charter School & Worcester Summer Literacy
- Veeko Lucas, Stacy Middle School in Milford
- Katie Bilotta, WPI
- Matthew Alvarado-Ross, STEM Education Center at WPI
- Mia Dubosarsky, STEM Education Center at WPI