

Finger Lakes STEM Hub

The Catalyst for STEM Collaborations in the Finger Lakes



Monthly Roundtable Bulletin

The Clearinghouse for STEM Resources, News,
Events, and Collaborations

July 2022

Our Roundtable of Network Members allows participants to stay abreast of STEM activities, share presentations, engage in discussions, provide links to resources, and collaborate on various Hub and non-Hub directed activities. It typically meets the second Friday of each month. STEM resources, events, collaborations, and links to them are identified and distributed to the entire Hub network through this bulletin.*

Interested in learning more about the network? Please see the About Us page on our [website](#).

If you are interested in joining our network, please contact Executive Director, Joseph Marinelli at flxstem.director@gmail.com or 585-704-4659.

The Finger Lakes STEM Hub is supported by the following partners:



Learn more about Partnership levels and opportunities on the Hub's [website](#).

**The Finger Lakes STEM Hub is sending this bulletin to fulfill its mission to make its members aware of resources and programs that promote or support STEM education. The Finger Lakes STEM Hub has not vetted, nor does it endorse, any particular product or service mentioned.*

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not endorse the information or views expressed or ensure the accuracy of any information contained within.

July Roundtable Bulletin

1. PARTICIPANTS: Joe Marinelli (FLX STEM Hub), Tammy Bonisteel (FLX STEM Hub) Sharon Sweeney (C&S Companies) Kellie Gauvin (FLCC), Dan Schneiderman (RMSC Solar Eclipse, Rochester Maker Faire), Angela Grouse (Livingston Area Chamber of Commerce), Marion French (WXXI), Marv Sachs (Brighton CSD), Angela Olkey (GST BOCES), Betsy Ukeritis (NYS DEC), Carla Stough-Huffman (GRASSA), Michael DuPre (Science Exploration Days), Sara Culotta (Siemens), Mike Wischnowski (St. John Fisher)

2. STEM HUB NETWORK DIRECTORY

- [Link to add yourself to directory](#)
- [Link to view Directory Members](#)
- This directory is for Hub network member use only.

3. EXECUTIVE DIRECTOR'S REPORT

a. FLX STEM Hub Executive Advisory Committee Meeting Report

- Building the STEM talent pipeline/pool initiative has been on hold due to the pandemic. Currently looking at which direction to take this initiative.
 - Suggestion from Angela Grouse to interface with the Finger Lakes Regional Economic Development Council Workforce and Talent Work Group. The target populations for that groups are minorities, youth, re-entry (post incarceration) population, LGBTQ+, Veterans, single mothers, and immigrants/new Americans. Angela currently sits on that work group.
 - Several Roundtable participants have recommended recently they would like to have a Round Table presentation devoted to discussing with students who have gone into STEM careers or have graduated from high school and are working in STEM programs and can give feedback about any barriers or support they have encountered. We will try and set this up for the next school year.
- Roundtable changes – looking to bring group back in person monthly meeting (see item B below)

- Updated Partnership Opportunities brochure is coming. Looking to engage new partners/donors. Updated information will be loaded onto the Hub website once finalized. Currently in review by Executive Advisory Committee.

b. Results of Hub's Spring Survey

- Results were shared with the group. Many would like to return to in-person Roundtable meetings, but also have the flexibility to attend remotely.
- All respondents stated that their organizations/companies have lifted restrictions to in-person meetings, which was a barrier to hybrid meetings over the course of this past year.
- It's not too late to add your feedback if you haven't yet. [Link to Spring Survey](#)

c. Regional Outreach: Survey of the Hub as a Network of Networks

- The Hub is a network but many of its members are part of other networks, groups, etc. As part of the Hub's Regional Outreach project we are looking to increase the sharing of information beyond our Hub network members. We would like to assess how information is shared and identify ways to increase the sharing to others in our region.
- We have designed a quick survey to capture this information and where we should focus our efforts at connection. [Link to survey](#)

d. Revision of Hub's Website Update

- New website is almost ready for review.
- Small group of volunteers will review website before we are ready to go live.

4. STEM RELATED TOPIC PRESENTATION/DISCUSSION

- Highlights and Key Takeaways from the international Convening of the STEM Learning Ecosystem Community of Practice- Sara Culotta, Market Lead-Energy and Sustainability, Siemens Industry Smart Infrastructure; and member of our Hub network
- [Link to slide deck from presentation](#)

- Stemecosystems.org has a lot of information

5. ROUNDTABLE PARTICIPANTS' ANNOUNCEMENTS AND UPDATES

a. Sharon Sweeney (C&S Companies)

- Busy summer, participating in the rural schools' conference in Cooperstown as a sponsor.
- Western New York Law Conference in August, sponsoring that event as well to support all the efforts around public education

a. Marion French (WXXI)

- PBS Learning Media is a free system, it's nationally based, but public broadcasting stations can contribute to it.
- All 9 of the PBS stations in New York contribute content that can be used by schools either in New York State or nationally
- So we're curating content that hadn't been considered for inclusion before and working with others that may have content that makes sense to have in there. This information can be included as a link to other resources. All information needs to have free the content. This is a big project that PBSs are working on for the coming year.

b. Dan Schneiderman (RMSC Solar Eclipse, Rochester Maker Faire)

- RPO will be under the stars tonight. at parcel 5 in downtown Rochester.
- If anyone wants Eclipse presentation at their org or for their programs, let Dan know
- Camps are going on all summer at the Museum.
- The first week of August is going to be Space Week, and while it hasn't been cemented yet the first Friday night of August we're going to do some sidewalk astronomy at the Museum and if anyone has a telescope, or binoculars just flying around stop on by, and we'll teach you how to use them.
- RMSC will be hosting the Astronomical Society Eclipse workshop. They will have about 200 to 300 people at the RMSC from all over the US and internationally.

c. Angela Grouse (Livingston Area Chamber of Commerce)

- Camp Hard Hat is phenomenal. That is one we shared out to the region to parents and educators.
- We are in the in the summer months, doing our programming, evaluation and development for the coming year.
- We run lunch and learns, and career days at all of our Livingston County schools. If you are interested in serving as a presenter in any of that

programming, please feel free to reach out to me. We would love to welcome you and introduce you to our students.

d. Michael DuPre (Science Exploration Days)

- Science Exploration Days Committee will be meeting tonight.
- Several questions that the committee discussed but number one was, If we hold SED days in 2023, will the college continue its support, as it has done, for the last 48, 49 years? SJF says yes, they will support as they have done in the past.
- Also need to address committee's membership, which is currently made up of many retired people.
- The committee hasn't been together for 2 years so they're all looking forward to getting together again in-person.

e. Kellie Gauvin (FLCC)

- STEAM camps are starting next week with the Victor Campus center, and then Geneva Campus center, and the Newark campus center
- Camps are for rising seventh to ninth graders and are half day camps. Each one has a little bit of a different theme.
- At Victor. the theme is STEAM in motion. Each of the program areas at Victor, architectural technology, mechanical technology, engineering and smart systems technology, have a day at that camp, and then they compete with their projects at the end of the day
- At Geneva many activities are around water quality and water availability. Nadia Harvieux, Hub network member is going to do some stream testing one day, and a connection has been made through the Hub with Teaching Artists Roc for artist presentations.
- Received a grant to be able to pay the artists in order to do some of these presentations.
- Also have a whole lot going on at the field station on Honeyoye Lake, the Mueller field station. Currently exploring having a middle school summer camp out at Mueller in the next few years.

f. Mike Wischnowski (St. John Fisher)

- If the Hub is going to have students present at the Roundtable in the fall, he might be able to provide one of their STEM scholars, one of their college students, who could talk about their experiences as well in the program.

g. Betsy Ukeritis (NYS DEC)

- Working on creating a statewide series of green career workshops.
- Talking with WDI/workforce development Institute of New York, and setting up some workshops for Guidance Counselors

- Both these instructors and CTE educators have a focus on green careers. Depending on the location where the workshop is in they are going to tailor the green careers to some of the companies in that area.
- Learning tree has green jobs curriculum.
- Goal is to run 6 from basically October through May next school year across the State. Still in planning mode right now

h. Carla Stough-Huffman (GRASSA)

- All of the out of school time educators are in full blown summer mode.
- There's a lot of STEM taking place all over the city this summer.
- Our funders group at GRASSA pulls a bunch of different funders together. and this is the second year we've asked them to have like a single point of entry for people to apply for funding. So instead of one little camp writing to 7 different agencies to try to get money, we now have a single point of entry for a sole application, then we get the funders together to talk it over and decide who can fund what, and start divvying things up. This year, we were able to fund a little over \$900,000 in programming. The asks were almost 2 million so clearly we're getting there
- By the end of July they expect to have the RRP Packet together for the informal STEM educator consultants that GRASSA is going to hire
- looking for about 6 to 10 people who would want to go into programs in the after school world and deliver STEM content some of which will be provided to them to deliver.
- Given a \$25,000 grant from the Daisy Marquee Jones to start this process.

6. FLX STEM HUB REPORTS

- a. STEM Recognition Program (Carla Stough-Huffman)
 - Carla needs help with this committee if we want to do an event this year. Please reach out to her if you would like to participate.
- b. STEM Professional Learning (Michael DuPrey)
 - Michael feels as if he has taken this committee as far as he can, and is looking for someone to help lead it.
- c. Building the STEM Talent Pipeline/Pool (Bill Rotenberg)
 - Bill Rotenberg(MCC) and Jim Vankouwenberg plan to meet and suggest appropriate project which may include the new downtown MCC Forward Center.
- d. Advocacy (Joe Marinelli)

- SUNY may be convening regional NYS STEM Hubs, which includes FLX STEM Hub, in the Fall

e. Regional Outreach (Joe Marinelli)

See Executive Director's report above on Hub as Network of Networks

5. Next meetings:

- [Zoom link for meeting](#)
- Future featured presentations:
- August 12- STEM and Career Exploration - The Exploring Program for male and female youth operated by the Seneca Waterways Council BSA and not operated as a traditional scouting program
- Sept 9- Summer STEAM Camps- Finger Lakes Community College
- October 14- Open
- November 11- NASA HUNCH STUDENT MENTOR Program