

STEAMing Towards Success

November 14, 2019

STEAM Conference

for

STEM Businesses, Grade 6-12 Teachers, Administrators, Guidance Counselors

8:00am-8:45am	Registration, Continental Breakfast
9:00am – 9:45am	Keynote Speaker: Dr. Anthony Collins; President of Clarkson University STEM 2025: Needs for Public Education
10:00-11:00	Project STEAM- Session I <ul style="list-style-type: none">• Workshop Selections 1-11• Workshop Selection 12- Counselors, Business Professionals, Administrators
11:15-12:00	Session II- Speed Dating with STEM Businesses
12:00-12:45pm	Lunch and Conversation
12:45-1:45 pm	College Panel: College Opportunities in STEM HVCC, Cobleskill, SUNY Albany, RPI, Clarkson
2:00-3:00pm	Project STEAM -Session III <ul style="list-style-type: none">• Workshops 13-23• Workshop 24- Counselors, Business Professionals, Administrators
3:00 – 4:00pm	Networking Event- snacks/beverages Evaluation/Survey

Workshop Sessions: There will be several workshop choices each during session. Attendees are asked to identify 5 selections rated 1st -5th choice. Attendees will be assigned to a selection.

Project STEAM Sessions I and III (15 different workshops – some repeated)

Business presenters will be partnered with a team of teachers well in advance of the conference. Together they will plan a project or lesson focused on the content/skills/ etc. of both the business and teachers. We will seek out business partners and teachers from all areas including math, science, tech, computer science, engineering, arts, business, and ELA. We will need help in identifying these folks. Each session we hope to have 11 selections and a 12th one designed for guidance counselors, business professionals and administrators. Each session will be one hour, and some presenters may repeat their sessions. We are also hoping the businesses will provide resources for the participants that will enable them to use the project/lesson right away in classrooms. If the resources are too expensive we can offer one “kit” and it can be raffled at the end of the workshop. The presenters will be given a template develop the project or unit. Teacher teams will be provided with a \$500.00 stipend to support their planning time.



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Each workshop session will include:

- Overview of the business and the employment opportunities
- Discussions of the skills and training required
- Education/training required by the business for employment opportunities.
- Project template and discussion.
- Attendees will receive a thumb drive with the plan of the lessons or project that can be used right away in classrooms.

Business/Guidance Counselor/ Admin Sessions:

Workshop Session #12

How Do We Encourage More Girls and Underserved Students to Consider STEAM Pathways?
Presenter TBD.

Workshop Session #24

How Can We Continue to Build Partnerships Between Education and Business Within Secondary and Higher Education?
Presenter TBD

Session II: Speed Dating Teachers With STEM Businesses

In this session participants will visit 4 tables in 15- minute blocks. Each table will have two or three STEM related business representatives. Businesses will share information including:

- Overview of the business and the employment opportunities
- Discussions of the skills and training required
- Education/training required by the business for employment opportunities.
- Questions

We will have a large variety of business participate in this (25 tables with 2 or 3 business representatives each.

Sponsors/Vendors

We will be looking for many sponsors and vendors for this event which will include various levels of sponsorships and vendor tables outside the large ballroom. The flyer is attached.



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ATTENTION STEM BUSINESS AND INDUSTRY PARTNERS

On November 14, 2019 Questar III BOCES will collaborate with Capitol Region BOCES and Washington, Saratoga, Warren, Hamilton, Essex BOCES to host a regional STEAM conference for educators from 70+ school districts throughout the Capital Region.

This event seeks to bring together secondary teachers, higher education and STEAM professionals from across our region for a day of collaboration, exploration, and discovery.

The day will focus on how teachers and industry experts can creatively motivate and prepare our students for the STEAM workplace, offering educators a takeaway of two fully developed STEAM-related lesson plans, designed by innovative teachers collaborating with industry professionals, for use in their classrooms.

In addition to seeking experts to partner with our educators, we're also seeking event sponsors and offering a platform for businesses to highlight their services and share how they've previously supported STEAM education initiatives. Sponsorship levels offered:

Sponsorship Level	Contribution	Features
Platinum	\$5000.00	<ul style="list-style-type: none">• Lunch sponsorship• Vendor table• Program recognition highly visible on wall of sponsors• 2 one-hour workshop sessions partnering with a teacher team to develop a student project (optional)
Gold	\$3000.00	<ul style="list-style-type: none">• Breakfast sponsorship• Vendor table• Program recognition highly visible on wall of sponsors• 1 one-hour workshop session partnering with a teacher team to develop a student project (optional)
Silver	\$1500.00	<ul style="list-style-type: none">• Conference sponsor• Coffee/Tea/Water sponsorship• Vendor table• Program recognition visible on wall of sponsors
Bronze	\$1000.00	<ul style="list-style-type: none">• Conference sponsor• Vendor table• Program recognition visible on wall of sponsor
Copper	\$500.00	<ul style="list-style-type: none">• Conference sponsor• Vendor table

To Sponsor or for Further Information Contact: James Church at Questar III BOCES

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