# Chat log from [America After 3PM: STEM Learning on the Rise](http://afterschoolalliance.org/webinars.cfm?ID=AEE11E8D-5056-A82E-7A72DAB1479F8B79)

13:01:34 From Tierra Easter to Everyone:

Thank you for joining us for our webinar, "America After 3PM: STEM Learning on the Rise." Please introduce yourself in the chat and tell us where you are joining us from. Remember to change your chat box setting to "all panelists and attendees." We'll begin shortly!

13:01:34 From Kim Swan to Hosts and panelists:

Kim Swan, Monterey Bay Aquarium Teen Programs

13:01:35 From Chelsea Smith to Everyone:

Chelsea Smith from Chicago Youth Centers

13:01:42 From Kylie Kosulic to Everyone:

Kylie Kosulic, Museum of Science and Industry Chicago

13:01:42 From Candice Woods to Hosts and panelists:

Candice Woods, Challenger Center for Space Science Education (Washington, DC)

13:01:50 From Wayne Nuzzolo to Everyone:

Greetings from San Diego and the USS Midway Museum. Wayne Nuzzolo

13:01:58 From Melissa Tramel to Hosts and panelists:

Melissa Tramel, CUSD ASES Expanded Learning Program, Carpinteria, California

13:02:01 From Beth Unverzagt to Hosts and panelists:

Beth Unverzagt, OregonASK

13:02:02 From Uchenna Ezibe to Everyone:

Uchenna Ezibe, Overdeck Family Foundation

13:02:05 From Alejandrina Lujan to Everyone:

Alejandrina Lujan from the Nevada Afterschool Network

13:02:09 From Jamie Forrest to Everyone:

Jamie Forrest, Delaware afterschool network!

13:02:11 From Emma Spencer to Everyone:

Emma Vibber, ACT Now Coalition Chicago, IL

13:02:19 From Constance Tomaneng to Everyone:

Constance Tomaneng from Children's Cabinet, Las Vegas

13:02:22 From Kim Swan to Everyone:

Kim Swan, Monterey Bay Aquarium Teen Programs

13:02:23 From Clark Graham to Everyone:

Dr Clark “Corky” Graham, Founder and CEO of LETS GO Boys and Girls. Our mission is to break the cycle of poverty through STEM education and workforce Development. My email: c.grham3@me.com. We are always looking to collaborate in the spirit of Collective Impact.

13:02:23 From Cathy Stevens to Everyone:

Cathy Stevens, The Riley Institute at Furman

13:02:25 From Jennie Mathur to Everyone:

Jennie Mathur, Girls Inc.

13:02:31 From Tierra Easter to Everyone:

To make sure everyone can engage with your comment, please remember to change your chat box setting to "all panelists and attendees." As a reminder, this webinar is being recorded and will be shared with all registered attendees, including the resources references in the presentation.

13:02:39 From Lauren Goodrich to Everyone:

Lauren Goodrich PS10 Extended Day

13:02:44 From Claire King to Everyone:

Claire King, Boys & Girls Clubs of Oceanside

13:02:52 From Carmelina Livingston to Everyone:

Hello from Charleston, SC. I'm Carmelina Livingston from South Carolina's Coalition for Mathematics and Science (SCCMS). :-)

13:03:02 From Amanda Williams to Everyone:

Boys & Girls Clubs Salt Lake City Utah!

13:03:06 From Christine Mills to Everyone:

Christine Mills - STEM Education Works, Lafayette, Indiana

13:03:22 From Christine Jones Monaccio to Everyone:

Christine Jones Monaccio, Virginia Partnership for Out-of-School Time (VPOST)

13:03:26 From Katherine Wilcox to Everyone:

Hello! Katherine Wilcox, EnCorps STEM Teachers and STEMx Tutors

13:03:29 From Jeff McConaughy to Everyone:

Jeff McConaughy, New Mexico Out-of-School Time Network (NMOST)

13:03:37 From Shanda White to Hosts and panelists:

Shanda White- Project STEAM MD

13:03:39 From Laura Lytle to Everyone:

Laura Lytle, Gateway Region YMCA STEAM, St. Louis

13:03:46 From Lexi Huang to Hosts and panelists:

Hi all – I’m Madison Bisson with the Hawai’i Afterschool Alliance. Having some issues with my camera today so may just have to join via audio!

13:03:48 From Linda Kekelis to Hosts and panelists:

Linda Kekelis with STEM Next -- joining today from Ohio. Looking forward to this stellar panel.

13:03:49 From Lillian Tegner to Everyone:

Lily Tegner, Alaska Afterschool Network, Anchorage

13:03:56 From Imani Malaika-Mehta to Hosts and panelists:

Imani Malaika-Mehta, CEO of SOTV, a STEM educational noprofit

13:04:02 From Kimberly Douglas to Everyone:

Hola! Kimberly Douglas, Society of Hispanic Professional Engineers, Fort Collins, CO

13:04:10 From Patricia Sasson to Everyone:

Hello from Patricia Sasson--Prime Time Palm Beach County--South Florida

13:04:27 From Ashley Hou to Everyone:

Ashley Hou, South Carolina Afterschool Alliance

13:04:35 From kim fossey to Hosts and panelists:

Hi from Kim Fossey - Capital Area STEM - Baton Rouge, LA

13:04:40 From Kimberly Carmichael to Everyone:

Kimberly Carmichael SC Afterschool Alliance--Hello All

13:04:41 From Kristin Knorr to Everyone:

Lindsey Geyer, North Dakota After School

13:04:42 From Wilmon Brown to Hosts and panelists:

Hey! Dr. Wil Brown, Tulsa Regional STEM Alliance (Tulsa, OK)

13:05:08 From Kristen Harrison to Hosts and panelists:

Hello! Kristen Harrison from the Portland Metro STEM Partnership, Portland OR

13:05:26 From Wilmon Brown to Everyone:

Hey! Dr. Wil Brown, Tulsa Regional STEM Alliance (Tulsa, OK)

13:05:38 From Amber Brooks to Everyone:

Amber B, South Carolina Afterschool Alliance

13:06:06 From Katy Johnson to Hosts and panelists:

Katy Johnson, Montana Afterschool Alliance

13:06:39 From Kate Foster to Everyone:

Hello - I'm Kate from the Wyoming Afterschool Alliance. We're so happy to have the chance to hear from Shannon in Worland!

13:06:58 From Pavi Lakshminarayan to Hosts and panelists:

Pavithra Lakshminarayan, South Jersey STEM & Innovation Partnerships, New Jersey

13:06:59 From Tierra Easter to Everyone:

To make sure everyone can engage with your comment, please remember to change your chat box setting to "everyone."

13:07:24 From Imani Malaika-Mehta to Everyone:

May we have a copy of the report? Thank you

13:07:46 From may sagbakken to Everyone:

May Sagbakken NMOST NM

13:07:47 From Sherri Lovelace-Cameron to Everyone:

Is this recording going to be made available

13:07:53 From Katy Johnson to Everyone:

Katy Johnson, Montana Afterschool Alliance

13:08:07 From Tierra Easter to Everyone:

Everyone on the webinar today will receive a follow up email with all resources as well as the recording

13:08:21 From Imani Malaika-Mehta to Everyone:

Thank you!

13:08:34 From Tierra Easter to Everyone:

To further explore the state and nationwide data, check out aa3pm.co/STEM

13:08:39 From Robin Hilsmeier to Hosts and panelists:

Thank, Tierra. I had the exact same questions.

13:09:50 From Dr. Phillip G. Bevans to Everyone:

Greetings from Toronto, Canada. Ennui's MusGO experience (based solidly on cutting edge learning science and about to go into pilot testing) enables kids 8 to 13 and museums, science centres, libraries and other community institutions to connect through digital media as a kind of interactive kids' club mentored by knowledgeable, caring adults, igniting exciting and interesting creations, while generating earned income for the sponsoring institution. Phillip G. Bevans, Ph.D. (Law) Barrister and Solicitor, Chairman, Ennui Creative Inc., and Fellow, Comparative Law and Political Economy, Osgoode Hall Law School and York University. Toronto, Canada Email: phillip.g.bevans@gmail.com.

13:09:50 From Ursula Helminski to Everyone:

The findings are live at aa3pm.co/STEM

13:12:35 From David Beard to Everyone:

David Beard (he/him), School's Out Washington (WA)

13:13:24 From David Barnes to Everyone:

David Barnes, National Council of Teachers of Mathematics

13:13:29 From Stan Kocos to Everyone:

Stan Kocos, Wisconsin

13:15:59 From Carol Nicholas to Hosts and panelists:

can w get a copy of the slides ?

13:17:02 From Nikki Yamashiro to Everyone:

@Carol, yes, everyone who registered will get a copy of the slides!

13:17:07 From Tierra Easter to Everyone:

Findings are live at http://www.afterschoolalliance.org/AA3PM/

13:17:28 From Nikki Yamashiro to Everyone:

It's where you can find the full report, executive summary, infographics, national and state data dashboards and more: <http://www.afterschoolalliance.org/AA3PM/>

13:18:11 From Linda Kekelis to Everyone:

Linda Kekelis with STEM Next -- joining today from Ohio. Looking forward to learning from this stellar panel.

13:19:49 From Tierra Easter to Everyone:

Gemma Lenowitz serves as program officer at Overdeck Family Foundation, whose mission is to measurably enhance education inside and outside the classroom.

13:20:55 From Robin Hilsmeier to Everyone:

Good afternoon! Robin Hilsmeier from Ohio Invention League and Ohio Invention Convention.

13:21:21 From Imani Malaika-Mehta to Everyone:

What were the names of the programs she just mentioned?

13:21:26 From Patti Curtis to Hosts and panelists:

Patti Curtis @ ED

13:22:47 From Lina Eroh to Everyone:

the programs were Science Action Club, Learn Fresh, Club Invention, and Bridge to Enter Advanced Mathematics.

13:22:48 From Julie Hodson to Everyone:

<http://afterschoolalliance.org/documents/AA3PM/AA3PM-STEM-Report-2021.pdf>

13:22:49 From Tierra Easter to Everyone:

Zelda Waymer is president and CEO of the South Carolina Afterschool Alliance, one of 50 state networks working to expand afterschool and STEM education statewide.

13:23:26 From Imani Malaika-Mehta to Everyone:

Thank you

13:23:30 From Cathy Stevens to Everyone:

Go Zelda! You're doing such great work in SC.

13:23:38 From Carmelina Livingston to Everyone:

Hi Zelda, it's so nice to see you again!

13:24:16 From Imani Malaika-Mehta to Everyone:

I have a STEM program. How can we get evaluated and included in the next report?

13:24:37 From Christine M. Carlson to Everyone:

Christine M. Carlson-Storm Lake Community School District IOWA

13:24:41 From Bunmi Esho to Everyone:

Bunmi Esho with STEM Next, joining from Washington, DC.

13:24:53 From Dr. Phillip G. Bevans to Everyone:

As you know, research shows that specific knowledge acquisition, such as in STEM fields, contributes to learning how to acquire subject-matter knowledge in other fields. That learning how to learn is basically transferable from one field to another. Thus, STEM programs also promote learning and innovation in other fields.

13:25:39 From Sheronda Fleming to Everyone:

So proud of the AMAZING work happening in my home state! #TheCarolinas

13:26:08 From Nikki Yamashiro to Patricia Sasson and all panelists:

No worries! Thanks so much for joining and hope you're enjoying the briefing!

13:26:17 From Christine M. Carlson to Everyone:

I hear a lot about STEM but also STEAM, besides having "Art" added to make it STEAM what is the differences?

13:27:00 From Imani Malaika-Mehta to Everyone:

Not all people are interested in art!

13:27:48 From Imani Malaika-Mehta to Everyone:

I take issue with the notion that kids are not interested in STEM unless it includes art!

13:28:18 From Ursula Helminski to Imani Malaika-Mehta and all panelists:

Hi Imani, thanks for asking about being featured. We'd be interested to learn more about your program! Is there a link you can send us?

13:28:23 From Heather Kleiner to Everyone:

Zelda your programs are something to aspire to!

13:29:03 From Imani Malaika-Mehta to Everyone:

[www.sotvkccreatorsclubs.org/about/](http://www.sotvkccreatorsclubs.org/about/)

13:29:18 From Tierra Easter to Everyone:

Nikole Collins-Puri is CEO of Techbridge Girls, which is re-engineering the way that STEM education is taught, experienced, and represented for BIPOC girls who experience economic insecurity.

13:31:56 From Chris Neitzey to Everyone:

Hi Christine- that's a great question and I think it's one that varies based on the program. A lot of successful STEAM programs that we've seen are focused on expanding their programming to students through the integration of arts. Things like choreography, video game development, and even music come to mind as mediums that programs have based their activities around to interest students who may not have previously been interested in STEM. But use those mediums to also incorporate the STEM aspects that are inherently built in.

13:33:56 From Imani Malaika-Mehta to Everyone:

Fell by half!

13:35:25 From Imani Malaika-Mehta to Everyone:

Read “Pushout” by Dr. Monique Morris!

13:38:02 From Emma Spencer to Everyone:

Well said, Nikole!!

13:38:17 From Betsy Payne to Everyone:

So true - well said!

13:38:52 From Tierra Easter to Everyone:

Shannon Christian is executive director of Wyoming’s Worland Youth Learning Center and an Afterschool Alliance Afterschool Ambassador.

13:39:57 From Melissa Trumpey to Everyone:

Shannon - I come to Worland every summer with a group to visit the Washakie Museum!

13:42:07 From Janice Flowers to Everyone:

We love the Walking Classroom!!!

13:44:09 From Kate Foster to Everyone:

So cool to hear about the data!

13:45:24 From Heather Kleiner to Everyone:

I love data too, Shannon!

13:45:31 From Melissa Tramel to Hosts and panelists:

The Walking Classroom will pair your program with a sponsor to help with cost or receive program for free

13:45:48 From Tierra Easter to Everyone:

We welcome your questions! Post in chat or in Q&A.

13:46:51 From Janice Flowers to Everyone:

Great activities and ideas, Shannon!

13:46:53 From Patricia Sasson to Everyone:

We have a virtual STEAM Family Night coming up in 2 weeks.

13:47:18 From Jennifer Jacques to Everyone:

Thank you for sharing resources!

13:47:23 From Patricia Sasson to Everyone:

Has anyone resumed in-person family STEAM events?

13:47:28 From Tierra Easter to Everyone:

Use chat or q&a to ask your questions. Please note if you are a media representative. We will take media questions first.

13:47:46 From Teresa Dothard-Campbell to Hosts and panelists:

Thank you, Shannon for the great ideas to engage students!

13:48:07 From Afterschool Alliance to Everyone:

<https://www.helpkidsrecover.org/>

13:48:14 From Teresa Dothard-Campbell to Everyone:

Thank you, Shannon for the great ideas to engage students.

13:48:42 From Cheryl Moeller to Everyone:

Careers in STEM can be very broad and there is no one "magic program" that exposes students to the many opportunities in STEM. How can we partner better together to share the many types of STEM afterschool programs in each community?

13:48:53 From Jen Rinehart to Everyone:

Here's what we know about how states are using their American Rescue Plan funds so far: <https://www.helpkidsrecover.org/experts-examples/examples-of-states-using-recovery-funding/>

13:49:00 From Caitie Hamilton to Everyone:

How do you cater activities to meet different group sizes effectively? I cant teach a lesson to a group of 90 kids, which some of our childcare sites have, as I can a group of 10-20 kids which is most of our sites attendance. additionally, my age groups are K-6th, how do you make a lesson harder or easier to apply to all age groups

13:49:00 From Sonya Kelly to Everyone:

Shannon mentioned a second strategy can share thier information?

13:52:48 From Patricia Sasson to Hosts and panelists:

Nicole, is that a life application Bible behind you? I use the same one!

13:53:07 From Hannah Fraser to Everyone:

Advice for connecting to statewide networks?

13:53:21 From Janelle Cousino to Everyone:

Mizzen by Mott is a curriculum support available free for afterschool and summer programs. There's an app for you to easily select subject, grade and see a plan for use. There are other resources too. The Afterschool Network in your state can help with STEM learning resources.

13:53:57 From Afterschool Alliance to Everyone:

@Hannah Fraser, You can reach your statewide network through the interactive map at bit.ly/MakingAfterschoolHappen

13:53:58 From Dr. Phillip G. Bevans to Everyone:

These are great ideas. I was not aware that art is being added to some STEM initiatives. In our MusGo initiative, kids sharing their own creation, in company with other kids and a caring mentor, whether in art, poetry, music, dance, or otherwise, in subject-matter interest groups or clubs (such as dinosaurs, space exploration, word games, identifying plants or animals, etc.) enhance their confidence and motivation to learn, independently of visually specific clues as to appearance, gender, race, income status, physical abilities or disabilities, and screening out antisocial activities. Even drawing engages three critical areas of the brain, promotes self-actuated learning, and is conducive to executive function Digital media reduces barriers to use, such as distance, travel time and cost, and program cost. A lot of these initiatives, including our own, take advantage of a unique post-pandemic opportunity to lever trust in the most trusted institutions in society. (the most trusted parties

13:54:05 From Jen Rinehart to Paloma Fernandez and all panelists:

Hi Paloma, I saw your question about national vs international - the research and the resources we highlighted here are specific to the US. National Girls Collaborative Project does a lot of international work on STEM - if you shoot me an email I could make an introduction.

13:54:09 From Patricia Sasson to Everyone:

Is there a virtual cohort existing for afterschool STEAM professionals?

13:54:51 From Paloma Fernandez to Hosts and panelists:

Hi Jen! Thank you very much! I will reach out

13:55:21 From Janelle Cousino to Everyone:

You can find your State Afterschool Network on the Afterschool Alliance website. From the home page you'll see a tab for In Your State My State at this link: <http://www.afterschoolalliance.org/policyStateMap.cfm>

13:55:45 From Gemma Lenowitz to Everyone:

Cheryl, I appreciate your question and the nudge to strengthen STEM learning and coordination at the community level. I would recommend connecting to your statewide afterschool network and nearest STEM ecosystem. I also endorse this article with suggestions for how nonprofits can collaborate intentionally and creatively: <https://ssir.org/articles/entry/nonprofits_need_to_change_for_good_and_the_moment_is_now>

13:55:58 From Ursula Helminski to Hannah Fraser and all panelists:

Hi Hannah, here is a place listing all the state networks. Sign up for their newsletter and reach out via email! <http://www.statewideafterschoolnetworks.net/>

13:56:54 From Chris Neitzey to Everyone:

@Patricia - ACRES is a great virtual coaching initiative! more info here- <https://mmsa.org/projects/acres/>

13:57:11 From Melissa Tramel to Everyone:

Second ACRES!Parents should join the School Site Council and attend board meetings, reach out to superintend

13:57:18 From Betsy Payne to Everyone:

<https://stemecosystems.org/> find your local STEM ecosystem!

13:57:26 From Gemma Lenowitz to Everyone:

Patricia, also check out: <https://stemtlnet.org/>

13:57:31 From Patricia Sasson to Everyone:

Yes, I'm already involved with ACRES cohorts! They are awesome

13:57:40 From Patricia Sasson to Everyone:

Thanks Gemma.

13:57:48 From Patti Curtis to Hosts and panelists:

NASA has a series of STEM @ Home activities... <https://www.nasa.gov/stem>

13:58:12 From Christine Mills to Everyone:

Hey everyone, our company works closely with Purdue University with organizations to customize programs and curriculum to fit your needs. Currently partnered with 4-H Extension STEM, Boys and Girls Clubs, Girl Scouts, Coder Dojo etc. Please contact me if I can be of service Christine@stemeducationworks.com

13:58:43 From Cheryl Moeller to Everyone:

Parents often don't know where to look for afterschool STEM activities. If their school does not offer a STEM program, their student may not be able to participate. There are other nonprofits offering STEM programs, but parents unaware of those opportunities.

13:59:16 From Katie Wheeler to Hosts and panelists:

GEMS (Girls Excelling in Math and Science) is a wonderful resource for parents and educators interested in STEM. Activities that can be done at home and there are resources for leaders who want to start a GEMS Club for girls. <https://gems.education.purdue.edu/>

13:59:23 From Imani Malaika-Mehta to Everyone:

How can our STEM program get listed in the STEM Hub?

13:59:24 From Patricia Sasson to Everyone:

ACRES has phenomenal coaching trainings--and their funding is secured now!

13:59:46 From Heather Kleiner to Everyone:

Cheryl, some of us also struggle to reach all families, so any advice on how to reach out is greatly appreciated!

14:00:44 From Cheryl Moeller to Everyone:

Money ALWAYS helps in promoting programs :) (My budget for marketing is about $200, that does not go very far.....)

14:00:58 From Karen Collins to Everyone:

Will we be able to access the chat notes? So many great resources shared here.

14:01:24 From Afterschool Alliance to Everyone:

Yes, we will have a recording of these chat notes!

14:01:30 From Patti Curtis to Hosts and panelists:

Educators can use sports as well to engage students in STEM learning. Think basketball and trajectories...NASCAR just released content around racing and STEM.

14:01:34 From Melissa Tramel to Everyone:

To reach parents - set up “pop up” events at school sites after school and offer an activity for free

14:01:36 From Karen Collins to Everyone:

Super - thank you.