



**Chat Transcript for NGCP webinar:  
Participation in Structured and Unstructured OST STEM  
Activities**

August 18, 2020

Marisa Garcia: Welcome! Please introduce yourself and where you are joining from.

Elinor Brown: Elinor Brown, Morgan Community College

Heather Howe: Trista Williams, Greybull Recreation District

Heather Howe: Heather is gone so I am stepping in for her today!

Claudia Meeks: Hello! Claudia Meeks, 4-H Program Coordinator with Colorado State University

Adrienne Provenzano: Adrienne Provenzano, NASA Solar System Ambassador

Heather Howe: Greybull, Wyoming

Elinor Brown: Morgan Community College, Fort Morgan, CO

Cassy Soden: Cassy Soden, Cyber Sleuth Science Lab, national program but personally located in Seattle area

Adrienne Provenzano: There are 1000 NASA Solar System Ambassadors across the US, I'm in Indiana!

Alexandra Haehn: Hi I am Alex . I am a children's librarian from Rochester, NY

Laura O'Neil: Laura from Oregon

Mary Buchanan: Hi I'm Mary with the Girl Scouts of Southern Illinois. Our council covers the southern 1/3 of the state.

Celia Taylor: Hello from Ft. Lauderdale, FL

Pantea Shademani: Pantea from PA, Wayne Pike SHINE Afterschool program

Matthew Cross: Good Morning, I'm Matthew Cross, Library Technician at the Ak-Chin Indian Community Library in Maricopa, Arizona. I currently run our Code Club program and any other STEM programming.

William Fee: William Fee from Lykens, PA, from the State Library of PA's STEMLab

Angela: Aloha from Kauai, Girl Scouts of Hawai'i

Cynthia Crockett: Cynthia Crockett, NH

Marsha Wright: Marsha Wright, Fort Myers FL

Alisha Collins: Hi, I am Alisha from Gatineau, Qc Canada

Sue Huffman: Sue Huffman from El Paso, TX

Jan Harrod: hi from Fairfax VA

Katherine Weber: Hello from Kitchener, Ontario Canada!

Eileen: Eileen Kour Girl Scouts of Eastern Massachusetts

Brooke Meyer: Brooke Meyer, SARSEF, Tucson AZ

dale mcreedy: hi...Dale from Discovery Center at Murfree Spring and TN Girls Collaborative lead

Casi Herrera: National Girls Collaborative Project - <https://ngcproject.org/>

Casi Herrera: The Connector - <https://theconnector.org/>

Casi Herrera: FabFems - <https://www.fabfems.org/>

Elizabeth: Elizabeth Centro Cultural Cornelius OR

Katherine Weber: Hi Dale, nice to "see" you!

K. Bucur: Kayleigh Bucur, Girl Scouts of NE Texas

Marisa Garcia: Pleae ask questions here in the chat

Trish Marquez: Trish from Explora Science Center in Albuquerque, NM

dale mcreedy: Katherine Weber... you too!

Heather Howe: Where can I find more info on Wyoming needing a leader?

Marisa Garcia: @Heather, reach out to me at [mgarcia@ngcproject.org](mailto:mgarcia@ngcproject.org)

Daniel Hatcher: Hi. Daniel from Healthier Generation - DC.

Marisa Garcia: I'll connect you with Karen Peterson our leader

Heather Howe: Thank you Marisa!

Clint Darr: Greetings! Clint Darr - Missouri Afterschool Network

Marisa Garcia: Please ask questions here in the chat

Adrienne Provenzano: This study reminds me of the Girl Scouts STEM report some years ago. Similarities? Differences?

K. Bucur: Is there a report with these findings that I can access?

Marisa Garcia: we will share this slide deck and an expanded slide deck with all the findings after the webinar

K. Bucur: Great, thank you!

Katherine Weber: Is there a white paper with the findings published?

Cynthia Crockett: papers are in process.

Katherine Weber: There is a lot of robust data. I am sure there is potential for a number of different papers!

Adrienne Provenzano: What research is there on causation on participation in OSTs and college majors? career paths?

Katherine Weber: Was there any comparisons of encouragement or discouragement for participating in STEM activities.

Tricia Jones: Will there be another webinar offered on any changes that may occur?

Macey Shambery: Have you been able to pull any trends to reason some of your results? For example, I'm curious to know more about American Indian & Alaska Native students being more likely to learn about STEM careers

Macey Shambery: This is very detailed and informative; my organization will definitely benefit from this. Thank you for sharing.

Macey Shambery: Could NGCP/someone notify us when the papers are published?

Adrienne Provenzano: Any suggestions for applying this data to remote/virtual OSTs?

Rosa Aristy: Since not knowing about the activities led to lack of participation, will there be a study on how this can be improved? or how did the ones that participated learned about the activities? What worked vs. what didn't work?

Adrienne Provenzano: Were economic demographics gathered and considered? Digital divide?

Macey Shambery: I'm interested in socioeconomic status as well

Katherine Weber: This is a very interesting study. There are also different types of activities that make up STEM. I conducted a study that looked at the types of STEM activities. Participation is complex - <https://eric.ed.gov/?id=EJ991238>

Macey Shambery: What did you find most surprising in the data?

Jacqueline Doyle: good question Macey, I'll reflect on that and try to answer when we're back from the DQs

Macey Shambery: OK! I'm obsessed with this research btw!

Adrienne Provenzano: Was this all quantitative data? Were there short answers?

Sue Sunbury: all quantitative

Matthew Cross: Possibly this "wonky" data could be due to a higher percentage of non-traditional students?

Adrienne Provenzano: Would it also be possible to include parents/guardians in the study?

Matthew Cross: Sorry, students that attend college and uni as an adult.

Rosa Aristy: I serve a Hispanic community. Anything in their responses that was very different from other groups?

Marisa Garcia: You'll receive all these results and can dig in for your specific groups

Adrienne Provenzano: Yes, survey the parents/guardians, to understand their own perspectives.

Macey Shambery: What limitations if any have you identified from your study?

Adrienne Provenzano: There's a UNESCO study on Girls and STEM which indicates the importance of home environment on STEM identity, interest, etc.

Rosa Aristy: Thank you :)

Macey Shambery: Thank you all!

Adrienne Provenzano: Thank you Sue and Jacqueline for your research and discussion and answering my questions!

Rosa Aristy: Any resources NGCP has to help us spread the word about the OST we are offering?

Marisa Garcia: Yes, add your program to The Connectory:

<https://theconnectory.org/provider-portal>

Tricia Jones: Thank you

Alisha Collins: Thank you

Katherine Weber: Thank you!

Celia Taylor: Thank you

Rachael: thanks!

Casi Herrera: Please complete the webinar survey:

<https://ngc2018.typeform.com/to/rOaWEFkt>

Rosa Aristy: Thanks much Marisa, Susan, and Jacqueline

Daniel Hatcher: great webinar

Heather Howe: Thank you!

Brooke Meyer: Thank you!!

Carolyn Slivinski: Thank you!

Heather Howe: Thank you!