



**Chat Transcript for NGCP Webinar:
Reach Across the Stars: Meet Your Female
Space & Science Heroes (virtually!)**

January 27, 2021

Marisa Garcia (she/her): Welcome everyone, please introduce yourself here in the chat!

Nancy Coddington: Hi, Nancy Coddington from WSKG Public Media. I am a national SciGirls trainer and run two SciGirls after school programs in upstate New York

Kata Lucas (she/her): <https://ngcproject.org/>

Kata Lucas (she/her): www.theconnectory.org

Kata Lucas (she/her): www.fabfems.org

Kata Lucas (she/her): <https://www.ifthenshecan.org/>

Adrienne Provenzano: Gosh, this is a stellar panel!

Chris Singer (he/him), Mid-Valley STEM-CTE Hub: Woot!! This is great, thank you to our amazing speakers for being here! #inspiration

Marisa Garcia (she/her): Hi everyone, feel free to ask questions here in the chat, or hold for the Q&A to ask your question live using the 'hand raise' feature

Karen North: How do we motivate more teachers and administrators to get this into the hands of students? Have been trying to get connections with NASA in Houston scaled for decades as a teacher in Houston. Can you send this recording to all superintendents in the Houston area to make this a time priority?

Maria: OMMG that is so cool@

Kata Lucas (she/her): Thanks so much for your question Karen. The panel will answer it shortly!

Christina Hernández (she/her/ella): I want that space suit!

Maria: me too

Adrienne Provenzano: Glad to hear Dr. Stott is writing a book. For adults? Children?

Karen North: @Nicle Love the spacesuit in the background. Would like to order one or make one for my granddaughter who is playing with her Barbie Astronaut now. Is there a pattern or idea on making this happen?

Karen North: @Christina - what have you created with your 3D printer? What app are you using to design the products?

Christina Hernández (she/her/ella): @Karen - lots of Star Wars figures

Adrienne Provenzano: Everyone is so confident! Any experience with "imposter syndrome?"

Kimberly Arcand: +1 for the libraries!!!!

Maria: did people like men doubt you when you had a idea? if so then what did you say and what did you think?

Karen North: @Christina, can we see your Start Wars Figures. Mentoring a teacher now who is teaching students to code design and then send to a Houston Community College studio to print. Do you have a website where the Star Wars creations are shared?

heatherr: I love that everyone is talking about science as a part of so many other things - art, reading, tinkering etc. Science is the way we understand the rest of the world - its a part of everything else!

Kimberly Arcand: Heather, 100% agree :)

Marisa Garcia (she/her): Yes! love that, Heather!

Maria: what would you say to the earth from space?

Chris Singer (he/him), Mid-Valley STEM-CTE Hub: My 11 year old daughter is watching with me and she just commented "Sounds familiar" :)

Christina Hernández (she/her/ella): Here's to being weird enough! :) love it!

Kata Lucas (she/her): I love that Sasha!

Adrienne Provenzano: There's an annual space education conference at Space Center Houston called SEEC. Dr. Stott was keynote a few years ago!

Karen North: Glad to help you spread the word. Karen Peterson can connect us. - thanks knorth@me.com

heatherr: Kimberly, we are at a NASA visitor center and will be happy to share the app info through our social media and teacher groups if that is okay...

Kimberly Arcand: Heather thank you! Could we follow up after this session? Would be grateful to connect

Adrienne Provenzano: NASA also has an informal education outreach program, Solar System Ambassadors. There are 1000 of us across the US. Check online for your state!

Sasha Samochina (she/her): <https://www.jpl.nasa.gov/edu/>

Kimberly Arcand: Adrienne! Hello :) :)

Chris Singer (he/him), Mid-Valley STEM-CTE Hub: We will definitely be sharing the app on our website and with our entire network. We have a resource page for educators as well as families/youth that we will put it on.

Adrienne Provenzano: Hi, Kim!

Sasha Samochina (she/her): <https://informal.jpl.nasa.gov/museum/>

heatherr: Kimberly, Definitely! I will email if your contact info is available.

Adrienne Provenzano: <https://solarsystem.nasa.gov/solar-system-ambassadors/directory/>

Sasha Samochina (she/her): Thank you for sharing that link, Adrienne!

Kim Zocco: I've been following Nicole and Sasha's work closely and featuring it in my CompSci classes, so thank you for making this possible for our students!!! For Nicole: Is the NEMO lab off the coast of Key Largo still operating? I've often thought it would be an incredible field trip for students... virtually and even as a scuba/snorkel trip? So many students have zero idea of what goes on in the Space Industry.

Christina Hernández (she/her/ella): Great question Maria! See you at Mars!

Kim Zocco: Admiral Grace Hopper had a similar saying as Nicole's...

Kelly Reina: Good questions, Maria! :)

11 year old Maria: tthx

Marisa Garcia (she/her): great questions, Maria. thank you!

Karen North: That is a powerful answer!! Looking forward to seeing it in your book.

11 year old Maria: what would you do if you found a planet that was able for life? P.S i am a space nerd lol

Sasha Samochina (she/her): We're all so glad you're a space nerd!!!

11 year old Maria: thx

11 year old Maria: you all are a legend

Chris Singer (he/him), Mid-Valley STEM-CTE Hub: This was so great, thank you all!

Sasha Samochina (she/her): Maria, there have been planets found that are outside of our solar system that are Earth-like, and habitable. One of the most recent, coolest discoveries: <https://exoplanets.nasa.gov/trappist1/>

heatherr: The message of failure as a part of learning is valuable - but we need to get buy in not just from students, but from teachers and administrators too - giving the room and the grace to fail is important. Any suggestions for how to do this?

Sasha Samochina (she/her): Also, explore this video of standing on the surface of TRAPPIST 1-D:
https://www.youtube.com/watch?v=o2MgG6KhO1E&ab_channel=NASAJetPropulsionLaboratory

Adrienne Provenzano: Wonderful program. Thanks for answering my questions!

Kim Zocco: Thank you... very cool... I'm googling the NEEMO!!

Sasha Samochina (she/her): <https://www.google.com/maps/@24.9503097,-80.4539146,3a,75y,11.93h,87.06t/data=!3m6!1e1!3m4!1sAF1QipOJv5rUBBO2w1ehoy9-61zVmifdgQY3r2PZ3KPd!2e10!7i11700!8i5850>

Kata Lucas (she/her): https://chandra.harvard.edu/women/images/Poster_for_classroom.pdf

<https://chandra.si.edu/code>

<https://chandra.si.edu/binary>

<https://chandra.si.edu/make>

<https://chandra.si.edu/tinkercad>

<https://chandra.si.edu/corps>

Kata Lucas (she/her): The relevant links from the slide are above.

Karen North: This was inspiring. Now have my next costume I am making for my granddaughter! Can you share the link to the design and how it was created?

Sasha Samochina (she/her):

https://www.google.com/maps/place/Aquarius+Habitat/@24.9502476,-80.4535558,3a,75y,290.39h,71.85t/data=!3m8!1e1!3m6!1sAF1QipO_Ksg3GS6bkPYBOgbXpc3yt9JNE8gkmhRFuRqY!2e10!3e11!6shhttps:%2F%2FIh5.googleusercontent.com%2Fp%2FAF1QipO_Ksg3GS6bkPYBOgbXpc3yt9JNE8gkmhRFuRqY%3Dw203-h100-k-nopi0-ya245.71172-ro-0-fo100!7i7000!8i3500!4m7!3m6!1s0x88d71560355678cb:0x6c5d66c663f4ec8e!8m2!3d24.9501855!4d-80.4534035!14m1!1BCglgARICCAI

Adrienne Provenzano: Looking forward to Perseverance landing February 18!

Sasha Samochina (she/her): The Google Maps of NEEMO that Nicole & I mentioned

Christina Hernández (she/her/ella): @Adrienne Yes I am excited to move to Mars time for a few months!

Sasha Samochina (she/her): My email as well for those that want to get in touch:

sasha.samochina@jpl.nasa.gov

Kelly Reina: Thank you so much, presenters!! That was great!

Tara Cox (she/her): I'm so inspired!

Kimberly Arcand: kkowal@cfa.harvard.edu

Tara Cox (she/her): Thank you all

Kimberly Arcand: bye all!!!

Sasha Samochina (she/her): Thank you for joining, everyone!!!

Kata Lucas (she/her): NGCP event Survey: <https://ngc2018.typeform.com/to/dUikr6g1>

11 year old Maria: I HAVE A QQQUESTIION. do you know Kathrein Sullivan?

Kim Zocco: VERY VALUABLE... grateful to all of you. The sky is NOT the limit! =)

Sarah Vise: Thank you all. As a young adult trying to make my way up the space ladder, it's so nice to see you all and hear your stories.

11 year old Maria: thank you!! you all awesome

Sriya: Thank you! We joined during our Lunch

Karen North: Maria - you are the legend with your questions!