



1

00:00:00,400 --> 00:00:02,635

Any advice for the next generation of STEM students?

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00:00:02,635 --> 00:00:06,272

For all of the kids out there who are interested in space exploration,

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00:00:06,272 --> 00:00:12,112

be excited and be looking forward to the next steps because we are just starting our Moon and Mars program.

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00:00:12,112 --> 00:00:16,282

So your generation is going to be the generation to see the next

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00:00:16,282 --> 00:00:17,650

great accomplishments.

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00:00:17,650 --> 00:00:19,519

Meet

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00:00:19,519 --> 00:00:20,954

Carrie

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00:00:20,954 --> 00:00:23,523

Green

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00:00:23,523 --> 00:00:26,659

What is your current role at NASA Glenn?

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00:00:26,659 --> 00:00:29,529

We try to build the story of how likely it is for a component to fail,

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00:00:29,529 --> 00:00:34,100

and then how does that failure, again, combined with everything else that happens on the vehicle,

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00:00:34,100 --> 00:00:39,639  
what is the final probability of failure  
for the entire mission and be able to correct those

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00:00:39,639 --> 00:00:43,877  
and design a new or improved set of components

14  
00:00:43,877 --> 00:00:45,979  
going forward so that we can fix those items.

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00:00:45,979 --> 00:00:49,015  
Was working for NASA always a dream for you?

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00:00:49,015 --> 00:00:51,151  
NASA is the epitome, I think, of

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00:00:51,151 --> 00:00:54,320  
anyone that really wanted to be an astronaut  
when they grew up.

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00:00:54,320 --> 00:00:59,592  
I went to space camp as an eighth grader  
and before that I was

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00:00:59,692 --> 00:01:02,796  
somebody who really loved math and science  
but didn't know what to do with it.

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00:01:03,596 --> 00:01:06,633  
I remember watching Apollo 13 with one of my best friends

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00:01:06,633 --> 00:01:09,702  
and then arguing about  
who was going to be the first woman on Mars.

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00:01:10,203 --> 00:01:16,009  
So it's a very ironic turn of events  
that I'm here today, and I can't believe this is my life.

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00:01:16,009 --> 00:01:17,077

You know, I get to be

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00:01:17,077 --> 00:01:20,113

at the forefront of human exploration.

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00:01:20,113 --> 00:01:22,782

What would you tell the  
10-year-old version of yourself?

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00:01:22,782 --> 00:01:24,818

You're going to hit some speed bumps in life,  
especially as you go through school.

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00:01:24,818 --> 00:01:26,853

Those speed bumps might propel you to somewhere

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00:01:26,853 --> 00:01:30,990

that you would not have expected  
and to a destination that is amazing.

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00:01:30,990 --> 00:01:36,196

So I also had teachers that told me I was an introvert  
and I wouldn't really go far in life.

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00:01:36,196 --> 00:01:42,001

So you really have to be able to take those setbacks  
and get past them

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00:01:42,001 --> 00:01:45,472

and know that there is a purpose  
for you and a place for you,

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00:01:45,472 --> 00:01:47,740

especially in this industry.

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00:01:47,740 --> 00:01:49,609

Something on your Bucket List

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00:01:49,609 --> 00:01:53,146

My husband and I hiked 300 miles  
of the Pacific Crest Trail in college.

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00:01:53,146 --> 00:01:56,082

We traveled from central Oregon to central Washington.

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00:01:56,182 --> 00:01:59,986

A lot of adventures and also setbacks along the way.

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00:01:59,986 --> 00:02:02,222

But at some point, again, Bucket List

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00:02:02,255 --> 00:02:03,990

I'd love to hike the Appalachian Trail.

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00:02:03,990 --> 00:02:05,458

We've done bits and pieces.

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00:02:05,458 --> 00:02:10,797

I actually went to school at Virginia Tech,  
so did a lot of local Virginia hikes.

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00:02:10,797 --> 00:02:13,566

What are some of your hobbies?

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00:02:13,566 --> 00:02:19,572

I am a avid reader, runner, hiker -- when I have time.

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00:02:19,572 --> 00:02:20,773

And that's a huge caveat!

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00:02:20,773 --> 00:02:25,612

So as a mother of three children,  
I love to be part of our family life.

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00:02:25,879 --> 00:02:29,382

I also coach 4-H and Science Olympiad,

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00:02:29,382 --> 00:02:32,485  
so it's fun to be able to take what I do for work

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00:02:32,485 --> 00:02:34,521  
and make it even more fun for kids at home.

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00:02:34,521 --> 00:02:37,190  
What are your short-term goals at NASA?

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00:02:37,190 --> 00:02:42,362  
Getting close to the first crewed flight in a  
couple of years and the first landing flight on the moon.

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00:02:42,362 --> 00:02:45,865  
So five years from now,  
I would love to build on that and be able to see

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00:02:45,865 --> 00:02:49,135  
the first human use our craft

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00:02:49,135 --> 00:02:50,537  
and hopefully the first woman on the moon.

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00:02:50,537 --> 00:02:53,673  
As we celebrate women this month,  
who do you look up to?

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00:02:53,673 --> 00:02:56,376  
I feel like the women that are trailblazers are often

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00:02:56,376 --> 00:03:00,113  
those that just see something that needs to get done  
and they just go do it.

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00:03:00,113 --> 00:03:06,920  
So that to me is why we're here today and celebrating  
Women's History Month is that the women that needed to

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00:03:06,920 --> 00:03:09,589  
accomplish something, they just went and did it.

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00:03:09,589 --> 00:03:11,591  
Who has inspired you along the way?

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00:03:11,591 --> 00:03:15,728  
My mother is a force of nature.

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00:03:15,728 --> 00:03:19,766  
She really pushes to continue to learn and grow.

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00:03:19,766 --> 00:03:21,868  
And she received her

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00:03:21,868 --> 00:03:23,636  
master's of divination recently

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00:03:23,636 --> 00:03:25,371  
and went back to school for that.

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00:03:25,371 --> 00:03:31,911  
Her sister, my aunt, went to college for engineering  
back in the day when it wasn't a very common thing.

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00:03:31,911 --> 00:03:34,314  
So I come from a long line of strong women.

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00:03:34,314 --> 00:03:37,517  
Do the results of your testing  
directly lead to changes on the  
European Service Modules?

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00:03:37,517 --> 00:03:38,484  
Absolutely!

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00:03:38,484 --> 00:03:42,422  
So our team, again, the European Integration Office here

at NASA Glenn is a key player in the overall vehicle.

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00:03:42,422 --> 00:03:46,059

We work directly with our European counterparts.

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00:03:46,059 --> 00:03:50,530

We both have remote meetings  
and we travel extensively to Bremen, Germany,

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00:03:50,530 --> 00:03:53,700

where they design and build the European Service Module.

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00:03:54,167 --> 00:04:03,076

The European Service Module was constructed to provide resources  
for the crewed flights that we're entering into as part of the Artemis programs.

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00:04:03,142 --> 00:04:04,844

Where did you grow up?

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00:04:04,844 --> 00:04:07,647

I am from Wooster, Ohio, originally.

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00:04:07,647 --> 00:04:14,787

I grew up about an hour south of here, and I will say  
the Glenn Research Center was this mythological entity.

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00:04:14,787 --> 00:04:19,492

I can remember my brother coming home from school  
one day and saying,

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00:04:19,492 --> 00:04:24,931

"Oh, this kid down the street just got an internship there.  
I guess he's a lot smarter than you."

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00:04:24,931 --> 00:04:29,802

And I was like, I don't even know what they do, and I'm  
sure I will never know, but