



NASA PEOPLE & CAREERS

SOUND BITES

▶ DIANA SANTIAGO DE JESUS

INSIGHTS TO INSPIRE



1
00:00:00,060 --> 00:00:10,680

Maybe going back - I will take that back - I will go to the future I really would like to see where we

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00:00:10,680 --> 00:00:19,860

can go with NASA in the future. I would like to see ourselves in Mars. My name is Diana Santiago.

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00:00:19,860 --> 00:00:26,100

I am a research materials engineer. We want to develop the next generation airplanes that are

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00:00:26,100 --> 00:00:31,440

whole electric airplanes, but these airplanes will need high voltage power transmission

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00:00:31,440 --> 00:00:37,080

cables. So right now we are trying to develop the next generation of insulation materials that are

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00:00:37,080 --> 00:00:42,900

going to be very thin, very lightweight, but also that these materials can survive the challenges

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00:00:42,900 --> 00:00:48,960

that are exposed in the airplane. I always wanted to be a meteorologist. I am from Puerto Rico,

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00:00:48,960 --> 00:00:56,520

so every summer and fall we are kind of following tropical weather systems and it always fascinated

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00:00:56,520 --> 00:01:06,540

me. Eventually I moved to be a pharmacist and I ended up being a chemist and I did a PhD in chemistry,

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00:01:06,540 --> 00:01:14,160

and that's how I am here. My English wasn't there when I was growing up, like we learned English in

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00:01:14,160 --> 00:01:20,700
school but we don't practice and that's one of the things why I didn't study meteorology because

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00:01:20,700 --> 00:01:28,080
I was scared of coming to the states to study meteorology. So I will say to her that not to be

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00:01:28,080 --> 00:01:35,040
scared of the language. I have been enjoying a lot doing gardening I have a vegetable garden. I really

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00:01:35,040 --> 00:01:43,140
enjoy going hiking. Outreach for me, it can have an impact in kids more than what you can think.

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00:01:43,140 --> 00:01:52,020
You show them how you came here to work here at NASA. You show them how fun it can be - science. And

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00:01:52,020 --> 00:02:00,840
at least one kid or two kids from that bunch can be inspired. I have my own prediction center

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00:02:00,840 --> 00:02:07,980
here as I have a love for meteorology. So I can do what I love to do like since I was a child.

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00:02:07,980 --> 00:02:15,120
I would like to see my technology what we are developing to be used in an airplane.

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00:02:15,120 --> 00:02:20,640
We are also working to see if this technology can be used for space for example for the Moon habitat.

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00:02:20,640 --> 00:02:30,900
My favorite dish is arroz con gandules, that is a pigeon peas rice with roasted pork. That's the best Christmas dish,

