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00:00:09,780 --> 00:00:13,860

My name is Lynn Carter, I work in the planetary geodynamics group here at Goddard where I

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00:00:13,860 --> 00:00:15,180

am a research space scientist.

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I study the geology of planetary surfaces; The Earth, Moon, Mars, Venus.

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A typical day at the office for me consists of a wide range of things like today for example

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I spent some time looking at pictures of the moon taken with radar trying to understand

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cratering and how the cratering process happens on the Moon.

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One of my favorite things is that we actually get to go out and do field work so sometimes

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I do field work in Hawaii or Arizona and we take the ground penetrating radar out and

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we learn more about lava flows on the Earth.

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My love of being outdoors and just of nature in general and how things in nature work probably

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had a lot to do with why I became a scientist.

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My advice for young girls considering science
and technology and engineering jobs would

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be to really take as much science and math
as you can early on and then by the time you

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00:01:01,420 --> 00:01:06,000
get to be an undergraduate level I would say
start doing research as early as possible

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00:01:06,000 --> 00:01:11,750
because research lets you think of your own
ideas and learn how to do the sort of things