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00:00:09,160 --> 00:00:13,180

My name is Barbara Janoiko and I'm a project manager for NASA's analog missions.

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00:00:13,180 --> 00:00:17,280

An analog is an environment that is similar to space flight.

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00:00:17,280 --> 00:00:21,430

It has similar characteristics whether it be environment or terrain.

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00:00:21,430 --> 00:00:27,289

We conduct these missions in the field or simulations here onsite at NASA to simulate

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00:00:27,289 --> 00:00:30,330

operations for exploration missions.

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00:00:30,330 --> 00:00:35,110

No matter what the destination is that NASA goes to explore, we can use the analog missions

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00:00:35,110 --> 00:00:36,400

to get there.

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00:00:36,400 --> 00:00:40,330

We test out the operations concepts and hardware that would go to space.

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00:00:40,330 --> 00:00:47,050

We learn our lessons early in the design before the hardware gets too far along in its development

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00:00:47,050 --> 00:00:50,560

and so we save costs later on.

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00:00:50,560 --> 00:00:56,090

The past 2 years, we have done an asteroid

mission study which included both undersea

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00:00:56,090 --> 00:00:58,949

missions as well as simulations here onsite.

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00:00:58,949 --> 00:01:04,610

I started off a cooperative education student and got a lot of different experiences both

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00:01:04,610 --> 00:01:07,110

in mission operations as well as engineering.

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00:01:07,110 --> 00:01:14,190

And started off my career with NASA in a spacesuit in extravehicular activity tools group.

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00:01:14,190 --> 00:01:16,270

My job is really exciting.

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00:01:16,270 --> 00:01:20,690

The team included the astronauts and all of the engineers are great.

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00:01:20,690 --> 00:01:22,280

Everybody comes from a different discipline.

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00:01:22,280 --> 00:01:28,750

We have folks with operations experience and engineering experience and we all work together

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00:01:28,750 --> 00:01:33,030

to train the astronauts to conduct realistic missions.

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00:01:33,030 --> 00:01:36,500

My advice would be to do what you love.

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00:01:36,500 --> 00:01:41,680

Study what you enjoy and if you love your

job, then it's not a job.