



1
00:00:08,000 --> 00:00:12,040

Music

2
00:00:12,060 --> 00:00:17,070

I am Geronimo Villanueva. I work

3
00:00:17,090 --> 00:00:20,100

at NASA as an associate investigator and it has an astrobiology group

4
00:00:20,120 --> 00:00:22,980

here at NASA Goddard Space Flight Center

5
00:00:23,000 --> 00:00:25,760

The Center for Astrobiology is a center that focuses

6
00:00:25,780 --> 00:00:30,100

on the study of the origin of life and

7
00:00:30,120 --> 00:00:35,100

and life on other planets. What I do is study principally astrophysics

8
00:00:35,120 --> 00:00:39,110

how life was on other planets and principally

9
00:00:39,130 --> 00:00:44,560

we focus on, for example, Mars. The first part is to go to places

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00:00:44,580 --> 00:00:47,770

go collect data. In this case, we go to telescopes in the Southern Hemisphere

11
00:00:47,790 --> 00:00:51,810

in the Atacama desert in Chile

12
00:00:51,830 --> 00:00:55,840

We go to Maunaci Volcano in Hawaii and make observations.

13
00:00:55,860 --> 00:00:59,880

When we collect all of the data, what we do is

14

00:00:59,900 --> 00:01:03,930

we go to our labs at NASA and do physical chemical experiments

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00:01:03,950 --> 00:01:07,970

so we can understand what we are measuring

16

00:01:07,990 --> 00:01:12,030

we are looking for the explanation of what we are looking at

17

00:01:12,050 --> 00:01:16,080

One of the great things about NASA is that it is a center that it has so much technology

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00:01:16,100 --> 00:01:19,350

and very qualified people. NASA allows us to