



1  
00:00:00,767 --> 00:00:15,448  
[ MUSIC ]

2  
00:00:17,784 --> 00:00:18,518  
>> HELLO,

3  
00:00:18,518 --> 00:00:20,019  
NY NAME IS MICHELLE HUI,

4  
00:00:20,019 --> 00:00:21,354  
AND I AM AN ASTROPHYSICIST

5  
00:00:21,354 --> 00:00:22,555  
AT NASA'S MARSHALL

6  
00:00:22,555 --> 00:00:24,057  
SPACE FLIGHT CENTER.

7  
00:00:24,057 --> 00:00:26,025  
MY EXPERTISE IS IN GAMMA RAYS.

8  
00:00:26,025 --> 00:00:27,127  
I WORK WITH THE FERMI

9  
00:00:27,127 --> 00:00:28,361  
GAMMA RAY SPACE TELESCOPE,

10  
00:00:28,361 --> 00:00:30,029  
LOOKING FOR GAMMA RAY BURSTS.

11  
00:00:30,029 --> 00:00:31,431  
THESE ARE EXPLOSIONS

12  
00:00:31,431 --> 00:00:32,932  
THAT ARE SO POWERFUL

13  
00:00:32,932 --> 00:00:34,334

THAT FOR A BRIEF MOMENT

14

00:00:34,334 --> 00:00:35,402

IT IS THE BRIGHTEST THING

15

00:00:35,402 --> 00:00:36,970

IN THE ENTIRE UNIVERSE.

16

00:00:36,970 --> 00:00:38,638

I ALSO WORK ON DEVELOPING

17

00:00:38,638 --> 00:00:39,906

FUTURE GAMMA RAY MISSIONS,

18

00:00:39,906 --> 00:00:41,007

AND CURRENTLY I'M LEADING

19

00:00:41,007 --> 00:00:42,242

A SMALL SATELLITE CONCEPT

20

00:00:42,242 --> 00:00:43,610

CALLED MOONBEAM.

21

00:00:43,610 --> 00:00:44,911

WHEN I WAS A KID,

22

00:00:44,911 --> 00:00:46,479

I WANTED TO BE AN ASTRONAUT,

23

00:00:46,479 --> 00:00:48,982

BUT I GET MOTION SICK SO EASILY

24

00:00:48,982 --> 00:00:49,749

THAT I THOUGHT

25

00:00:49,749 --> 00:00:51,551

IF I COULDN'T GET TO SPACE,

26  
00:00:51,551 --> 00:00:52,352  
THEN I'LL STUDY

27  
00:00:52,352 --> 00:00:53,820  
WHAT'S OUT THERE INSTEAD.

28  
00:00:53,820 --> 00:00:55,021  
I FOCUSED MY STUDY

29  
00:00:55,021 --> 00:00:56,289  
ON PHYSICS AND ASTRONOMY

30  
00:00:56,289 --> 00:00:57,557  
AND DID MY PhD RESEARCH

31  
00:00:57,557 --> 00:00:59,426  
ON GAMMA RAY ASTROPHYSICS.

32  
00:00:59,426 --> 00:01:01,027  
BECOMING PART OF THE NASA FAMILY

33  
00:01:01,027 --> 00:01:02,796  
IS A CHILDHOOD AND ADULTHOOD

34  
00:01:02,796 --> 00:01:03,997  
DREAM COME TRUE.

35  
00:01:03,997 --> 00:01:05,365  
WHEN I FIRST JOINED NASA,

36  
00:01:05,365 --> 00:01:06,199  
I STARTED WITH LEARNING

37  
00:01:06,199 --> 00:01:07,333  
HOW THE FERMI GAMMA RAY

38  
00:01:07,333 --> 00:01:08,668

BURST MONITOR OPERATES

39

00:01:08,668 --> 00:01:10,203  
AND ABOUT ITS MISSION SCIENCE.

40

00:01:10,203 --> 00:01:11,304  
THEN I STARTED WORKING

41

00:01:11,304 --> 00:01:12,071  
ON DEVELOPING

42

00:01:12,071 --> 00:01:13,239  
FUTURE MISSION CONCEPTS

43

00:01:13,239 --> 00:01:14,707  
AND HAVE SINCE GOT TO KNOW

44

00:01:14,707 --> 00:01:15,842  
MANY DIFFERENT PEOPLE

45

00:01:15,842 --> 00:01:16,910  
IN OTHER DISCIPLINES

46

00:01:16,910 --> 00:01:18,545  
IN BOTH SCIENCE AND ENGINEERING.

47

00:01:18,545 --> 00:01:20,013  
IT'S IMPORTANT TO CELEBRATE

48

00:01:20,013 --> 00:01:21,014  
ASIAN AMERICAN

49

00:01:21,014 --> 00:01:22,449  
PACIFIC ISLANDER HISTORY MONTH

50

00:01:22,449 --> 00:01:24,184  
BECAUSE WE BRING A UNIQUE

51  
00:01:24,184 --> 00:01:25,685  
HERITAGE AND PERSPECTIVE

52  
00:01:25,685 --> 00:01:27,454  
TO A DIVERSE COMMUNITY.

53  
00:01:27,454 --> 00:01:28,788  
AND HAVING A VARIETY

54  
00:01:28,788 --> 00:01:29,789  
OF VIEWPOINTS LEADS

55  
00:01:29,789 --> 00:01:31,524  
TO INNOVATION AND CREATIVITY.

56  
00:01:31,524 --> 00:01:33,026  
WE ARE ONE NASA,

57  
00:01:33,026 --> 00:01:34,027  
AND WE COME TOGETHER

58  
00:01:34,027 --> 00:01:34,661  
FROM MANY DIFFERENT

59  
00:01:34,661 --> 00:01:36,129  
BACKGROUNDS AND PLACES.

60  
00:01:36,129 --> 00:01:37,096  
MY ADVICE TO

61  
00:01:37,096 --> 00:01:38,198  
THE ARTEMIS GENERATION

62  
00:01:38,198 --> 00:01:39,799  
IS BE ADVENTUROUS.

63  
00:01:39,799 --> 00:01:40,767

## TRY DIFFERENT THINGS

64

00:01:40,767 --> 00:01:41,634

TO FIND WHAT YOU'RE

65

00:01:41,634 --> 00:01:42,635

PASSIONATE ABOUT.

66

00:01:42,635 --> 00:01:43,670

AND IT IS OKAY

67

00:01:43,670 --> 00:01:44,804

TO CHANGE THE PATH

68

00:01:44,804 --> 00:01:46,039

IF YOU DISCOVER THAT

69

00:01:46,039 --> 00:01:47,774

IT NO LONGER SUITS YOU.

70

00:01:47,774 --> 00:01:48,641

THE IMPORTANT THING