1
00:00:05,150 --> 00:00:03,200
I'm a planet hunter I'm a

2
00:00:07,610 --> 00:00:05,160
co-investigator for NASA's Kepler

3
00:00:09,440 --> 00:00:07,620
mission whose objective is to find

4
00:00:12,919 --> 00:00:09,450
earth-size planets orbiting other stars

5
00:00:15,200 --> 00:00:12,929
in our galaxy I came here as an expert

6
00:00:18,019 --> 00:00:15,210
in stellar astronomy

7
00:00:20,420 --> 00:00:18,029
so understanding the stars themselves so

8
00:00:22,040 --> 00:00:20,430
one of my first jobs here was to pick of

9
00:00:24,220 --> 00:00:22,050
the millions of stars at least that our

10
00:00:26,570 --> 00:00:24,230
telescope is going to see which are the

11
00:00:29,960 --> 00:00:26,580
150,000 that were actually going to

12
00:00:31,939 --> 00:00:29,970
observe when I entered college I was

13
00:00:36,079 --> 00:00:31,949

planning on being a business major so

14
00:00:38,059 --> 00:00:36,089
it's very far from science and yet I was

15
00:00:41,029 --> 00:00:38,069
always good at math so that was kind of

16
00:00:42,680 --> 00:00:41,039
in the back of my mind and one day in

17
00:00:43,879 --> 00:00:42,690
college I kind of asked myself out of

18
00:00:47,239 --> 00:00:43,889
the blue the question you know if you

19
00:00:49,279 --> 00:00:47,249
could do anything what would it be and I

20
00:00:49,729 --> 00:00:49,289
decided at that moment I would work for

21
00:00:52,549 --> 00:00:49,739
NASA

22
00:00:54,979 --> 00:00:52,559
the space program I just enrolled in a

23
00:00:57,139 --> 00:00:54,989
physics class applied for an internship

24
00:00:58,579 --> 00:00:57,149
that was key to my professional

25
00:01:00,500 --> 00:00:58,589
development and everything else just

26
00:01:03,859 --> 00:01:00,510
kind of fell into place you know when

27
00:01:05,420 --> 00:01:03,869
it's right when we're young we don't

28
00:01:08,209 --> 00:01:05,430
really know what all the possibilities

29
00:01:10,190 --> 00:01:08,219
are so when you're young and you're

30
00:01:12,469 --> 00:01:10,200
growing I think you just want to be sure

31
00:01:14,120 --> 00:01:12,479
you're trying new things and you want to

32
00:01:17,300 --> 00:01:14,130
pay attention to the things that inspire

33
00:01:19,580 --> 00:01:17,310
you pay attention to that and follow

34
00:01:20,899 --> 00:01:19,590
that path and ask yourself the question

35
00:01:23,209 --> 00:01:20,909
you know if you could do anything what

36
00:01:25,069 --> 00:01:23,219
would it be and that's really actually

37
00:01:27,139 --> 00:01:25,079
easy to figure out the answers are going

38
00:01:28,669 --> 00:01:27,149

to come to you immediately and when it

39
00:01:31,940 --> 00:01:28,679
does you take a baby step in that

40
00:01:34,580 --> 00:01:31,950
direction and don't focus so much on the

41
00:01:36,739 --> 00:01:34,590
goal itself just to enjoy the ride you

42
00:01:40,249 --> 00:01:36,749
know just take the journey and see where

43
00:01:42,919 --> 00:01:40,259
it leads you I could not have chosen a

44
00:01:46,700 --> 00:01:42,929
career that didn't have meaning to me

45
00:01:48,739 --> 00:01:46,710
and the Kepler mission is just about as

46
00:01:50,660 --> 00:01:48,749
meaningful as it gets and we're looking

47
00:01:52,940 --> 00:01:50,670
for new worlds in our galaxy places that

48
00:01:55,099 --> 00:01:52,950
are potentially habitable more than that

49
00:01:56,870 --> 00:01:55,109
where we're trying to figure out if

50
00:01:58,520 --> 00:01:56,880
earth-like planets are even common in

51
00:02:00,950 --> 00:01:58,530
our galaxy so that when we look up in

52
00:02:03,770 --> 00:02:00,960
the sky we can say you know that we're