



Robert "Bobby" Satcher

NASA Astronaut

1
00:00:07,909 --> 00:00:05,349
if you do a search for the term

2
00:00:09,589 --> 00:00:07,919
renaissance man you might find a picture

3
00:00:11,990 --> 00:00:09,599
of bobby satcher

4
00:00:14,549 --> 00:00:12,000
a nasa astronaut recently returned from

5
00:00:17,990 --> 00:00:14,559
a 4.5 million mile trip to the

6
00:00:19,830 --> 00:00:18,000
international space station on sts-129

7
00:00:21,710 --> 00:00:19,840
satcher is also a surgeon with

8
00:00:25,109 --> 00:00:21,720
specialties in orthopedics and

9
00:00:27,509 --> 00:00:25,119
musculoskeletal oncology he has a phd in

10
00:00:29,189 --> 00:00:27,519
chemical engineering from mit and a

11
00:00:31,429 --> 00:00:29,199
doctorate of medicine from harvard

12
00:00:33,110 --> 00:00:31,439
medical school i think my grandmother

13
00:00:34,790 --> 00:00:33,120

made it to seventh grade and my

14

00:00:37,670 --> 00:00:34,800

grandfather made it to fifth grade or

15

00:00:40,790 --> 00:00:38,630

and so

16

00:00:43,830 --> 00:00:40,800

despite that they they understood how

17

00:00:46,709 --> 00:00:43,840

important education was and they all of

18

00:00:49,029 --> 00:00:46,719

their kids and they had a large family

19

00:00:51,029 --> 00:00:49,039

you know of of nine children and they

20

00:00:52,950 --> 00:00:51,039

all finished college and got college

21

00:00:55,990 --> 00:00:52,960

degrees and several of them of course

22

00:00:57,270 --> 00:00:56,000

went on and got advanced degrees mds

23

00:00:59,430 --> 00:00:57,280

phds

24

00:01:01,670 --> 00:00:59,440

and so

25

00:01:03,910 --> 00:01:01,680

they always stress that to us

26
00:01:06,310 --> 00:01:03,920
satcher was bit by the exploration bug

27
00:01:07,990 --> 00:01:06,320
early in life he practically grew up on

28
00:01:10,469 --> 00:01:08,000
the campus of the historically black

29
00:01:12,630 --> 00:01:10,479
hampton university in hampton virginia

30
00:01:15,030 --> 00:01:12,640
where his father was a professor

31
00:01:17,429 --> 00:01:15,040
an avid encyclopedia reader he would

32
00:01:19,749 --> 00:01:17,439
stroll the idyllic tidewater peninsula

33
00:01:23,270 --> 00:01:19,759
and imagine the possibilities i read all

34
00:01:25,910 --> 00:01:23,280
about history of exploration

35
00:01:28,230 --> 00:01:25,920
you know the europeans traveling the

36
00:01:31,990 --> 00:01:28,240
oceans and and coming to

37
00:01:34,310 --> 00:01:32,000
what we now know as the americas and

38
00:01:35,830 --> 00:01:34,320

so when i'd be out strolling along the

39

00:01:37,510 --> 00:01:35,840

seashore i would be thinking about that

40

00:01:39,590 --> 00:01:37,520

looking out thinking about you know what

41

00:01:41,109 --> 00:01:39,600

it must have been like hundreds of years

42

00:01:43,910 --> 00:01:41,119

before to

43

00:01:46,230 --> 00:01:43,920

to to put it all on the line and and to

44

00:01:47,749 --> 00:01:46,240

go out and not knowing if you would make

45

00:01:49,749 --> 00:01:47,759

it back

46

00:01:52,230 --> 00:01:49,759

not knowing what you were going to find

47

00:01:54,310 --> 00:01:52,240

and just how exciting that was satcher's

48

00:01:57,510 --> 00:01:54,320

dreams of exploring space came true in

49

00:01:59,109 --> 00:01:57,520

november 2009 as a mission specialist on

50

00:02:01,590 --> 00:01:59,119

the 31st shuttle flight to the

51
00:02:03,910 --> 00:02:01,600
international space station he performed

52
00:02:06,709 --> 00:02:03,920
two space walks for a total of 12 hours

53
00:02:08,550 --> 00:02:06,719
and 19 minutes outside the station now

54
00:02:10,389 --> 00:02:08,560
we got back to bobby satcher on the arms

55
00:02:13,350 --> 00:02:10,399
heading out to do some uh

56
00:02:15,750 --> 00:02:13,360
lubing on the tsa dr satcher's other

57
00:02:18,070 --> 00:02:15,760
passion is medicine and he's used his

58
00:02:20,309 --> 00:02:18,080
considerable medical expertise to help

59
00:02:22,390 --> 00:02:20,319
people from chicago to the african

60
00:02:23,910 --> 00:02:22,400
continent i went to

61
00:02:25,830 --> 00:02:23,920
west africa

62
00:02:27,190 --> 00:02:25,840
and spent four months working in a

63
00:02:30,070 --> 00:02:27,200

clinic in

64

00:02:34,309 --> 00:02:30,080

gabon which is a kind of a small

65

00:02:36,790 --> 00:02:34,319

country in west africa and

66

00:02:40,150 --> 00:02:36,800

had the opportunity to

67

00:02:42,710 --> 00:02:40,160

you know deliver health care to to

68

00:02:44,309 --> 00:02:42,720

groups of people who really had not had

69

00:02:46,470 --> 00:02:44,319

the privilege

70

00:02:48,710 --> 00:02:46,480

of a uh

71

00:02:52,309 --> 00:02:48,720

a reasonable what i would say is just a

72

00:02:54,070 --> 00:02:52,319

reasonable healthcare infrastructure

73

00:02:55,990 --> 00:02:54,080

most people in that country and

74

00:02:58,390 --> 00:02:56,000

unfortunately in a lot of

75

00:03:00,390 --> 00:02:58,400

uh countries that are that are the

76

00:03:02,949 --> 00:03:00,400

poorer countries in the world

77

00:03:05,430 --> 00:03:02,959

they don't have access to regular health

78

00:03:07,110 --> 00:03:05,440

care so

79

00:03:10,390 --> 00:03:07,120

you know people can go their entire

80

00:03:12,309 --> 00:03:10,400

lives and never come in contact with

81

00:03:14,630 --> 00:03:12,319

with the doctor satcher has found

82

00:03:17,910 --> 00:03:14,640

inspiration in other astronauts like the

83

00:03:20,229 --> 00:03:17,920

late dr ronald mcnair a fellow mit alum

84

00:03:23,270 --> 00:03:20,239

and south carolina native and other

85

00:03:25,110 --> 00:03:23,280

doctor astronauts like scott parazyński

86

00:03:27,110 --> 00:03:25,120

he is the recipient of numerous

87

00:03:29,190 --> 00:03:27,120

fellowships and awards including the

88

00:03:31,589 --> 00:03:29,200

leadership fellow of american academy of

89

00:03:33,910 --> 00:03:31,599

orthopedic surgeons a robert wood

90

00:03:35,830 --> 00:03:33,920

johnson foundation fellowship and