



1
00:00:03,500 --> 00:00:02,389
it is getting easier and easier to get

2
00:00:07,829 --> 00:00:03,510
research to space

3
00:00:12,709 --> 00:00:10,629
for example there's a drug called prolia

4
00:00:15,910 --> 00:00:12,719
that has come to market came to mark in

5
00:00:17,670 --> 00:00:15,920
about 2011 and that drug the mechanism

6
00:00:20,310 --> 00:00:17,680
of function of that drug was tested

7
00:00:22,950 --> 00:00:20,320
during space station assembly well now

8
00:00:25,269 --> 00:00:22,960
if i'm talking to a group of women

9
00:00:27,429 --> 00:00:25,279
about osteoporosis i can talk about how

10
00:00:29,910 --> 00:00:27,439
space flight you know is linked to

11
00:00:31,830 --> 00:00:29,920
osteoporosis and this drug is out there

12
00:00:34,229 --> 00:00:31,840
and there are women who will say hey i'm

13
00:00:35,990 --> 00:00:34,239

taking that medication so it's just much

14

00:00:38,150 --> 00:00:36,000

easier now to relate because we've had

15

00:00:39,750 --> 00:00:38,160

enough time to have those results come

16

00:00:41,750 --> 00:00:39,760

out and really start affecting people's

17

00:00:44,310 --> 00:00:41,760

lives everything's different today

18

00:00:46,470 --> 00:00:44,320

because you're really able to use the

19

00:00:48,709 --> 00:00:46,480

space station as a real laboratory now

20

00:00:51,029 --> 00:00:48,719

that we're doing 300 experiments 350

21

00:00:53,590 --> 00:00:51,039

experiments at a time we are looking

22

00:00:56,069 --> 00:00:53,600

three years from now at this huge bowel

23

00:00:57,670 --> 00:00:56,079

wave of research that

24

00:00:59,510 --> 00:00:57,680

results that will be coming out and that

25

00:01:01,430 --> 00:00:59,520

research is really going to be having an

26
00:01:03,430 --> 00:01:01,440
impact in our country one of the things

27
00:01:05,189 --> 00:01:03,440
that's really exciting to me right now

28
00:01:07,270 --> 00:01:05,199
is the number of new researchers that

29
00:01:09,830 --> 00:01:07,280
we're talking to but now with the access

30
00:01:11,590 --> 00:01:09,840
opened up and with the funding sources

31
00:01:13,270 --> 00:01:11,600
opened up so it doesn't just have to be

32
00:01:14,870 --> 00:01:13,280
nasa it can be

33
00:01:16,469 --> 00:01:14,880
the private sector it can be other

34
00:01:18,630 --> 00:01:16,479
government agencies

35
00:01:21,109 --> 00:01:18,640
then the best ideas all have a way to

36
00:01:23,510 --> 00:01:21,119
get to space over 96 nations in the

37
00:01:24,950 --> 00:01:23,520
world have done some aspect of either

38
00:01:26,789 --> 00:01:24,960

education or research on the space

39

00:01:30,230 --> 00:01:26,799

station so far today

40

00:01:33,109 --> 00:01:30,240

and that access is broader and broader

41

00:01:34,710 --> 00:01:33,119

as we have users coming in from

42

00:01:36,950 --> 00:01:34,720

countries all around the world people

43

00:01:39,270 --> 00:01:36,960

trying experiments and of course science

44

00:01:40,870 --> 00:01:39,280

is international so what it means is

45

00:01:42,710 --> 00:01:40,880

through the network of international

46

00:01:44,630 --> 00:01:42,720

scientific collaboration almost any

47

00:01:46,149 --> 00:01:44,640

scientist in the world who can find

48

00:01:47,990 --> 00:01:46,159

funding for their research is going to

49

00:01:50,630 --> 00:01:48,000

be able to find a way to access the