



1
00:00:11,470 --> 00:00:10,060
joana shell is a dive operations

2
00:00:14,379 --> 00:00:11,480
specialist in the neutral buoyancy

3
00:00:16,960 --> 00:00:14,389
laboratory the NBL at NASA's Johnson

4
00:00:19,300 --> 00:00:16,970
Space Center in Houston as a utility

5
00:00:21,670 --> 00:00:19,310
diver she plays a critical role in

6
00:00:23,830 --> 00:00:21,680
training astronauts for spacewalks on a

7
00:00:26,830 --> 00:00:23,840
life-sized replica of the International

8
00:00:29,620 --> 00:00:26,840
Space Station submerged in the 6.2

9
00:00:32,440 --> 00:00:29,630
million gallon pool Vignola has about

10
00:00:34,660 --> 00:00:32,450
forty to fifty working divers and of

11
00:00:37,240 --> 00:00:34,670
those divers there's about eight female

12
00:00:39,549 --> 00:00:37,250
divers and in my group specifically I

13
00:00:42,610 --> 00:00:39,559

dive as a utility diver and there's

14

00:00:44,229 --> 00:00:42,620

three females in utility it's it's a

15

00:00:45,599 --> 00:00:44,239

challenge at times sometimes I have to

16

00:00:49,720 --> 00:00:45,609

take things with a different approach

17

00:00:52,000 --> 00:00:49,730

but it always works out and and everyone

18

00:00:53,650 --> 00:00:52,010

here has been nothing but supportive the

19

00:00:56,439 --> 00:00:53,660

NBL simulates the weightlessness

20

00:00:58,630 --> 00:00:56,449

experience during spaceflight astronauts

21

00:01:01,899 --> 00:00:58,640

can train their bodies to move in zero-g

22

00:01:04,780 --> 00:01:01,909

as they would on a VA or extra vehicular

23

00:01:07,390 --> 00:01:04,790

activity the facility has proved to be

24

00:01:09,220 --> 00:01:07,400

an essential tool for the design testing

25

00:01:12,010 --> 00:01:09,230

and development of the space station and

26
00:01:14,200 --> 00:01:12,020
future human spaceflight programs I have

27
00:01:16,060 --> 00:01:14,210
a few role models that have inspired me

28
00:01:18,609 --> 00:01:16,070
first and foremost I think of my mother

29
00:01:20,530 --> 00:01:18,619
she is such an amazing person she's a

30
00:01:22,810 --> 00:01:20,540
cancer survivor and she's really taught

31
00:01:24,880 --> 00:01:22,820
me the importance of positive thinking

32
00:01:27,459 --> 00:01:24,890
and power of the minds and the

33
00:01:29,620 --> 00:01:27,469
importance of faith also Katherine

34
00:01:32,050 --> 00:01:29,630
Sullivan was the first female astronaut

35
00:01:34,510 --> 00:01:32,060
to and zero e VA and I just think it's

36
00:01:37,539 --> 00:01:34,520
an amazing what an amazing woman to

37
00:01:39,310 --> 00:01:37,549
experience being the first female to go

38
00:01:42,340 --> 00:01:39,320

out and explore the great unknown and

39

00:01:44,920 --> 00:01:42,350

put herself in that situation is really

40

00:01:46,779 --> 00:01:44,930

inspiring while working in the lab shell

41

00:01:49,420 --> 00:01:46,789

is attending the University of Houston

42

00:01:51,670 --> 00:01:49,430

at Clear Lake in the evenings in pursuit

43

00:01:54,130 --> 00:01:51,680

of a bachelor's degree in psychology and

44

00:01:55,630 --> 00:01:54,140

plans to follow that up with graduate

45

00:01:57,999 --> 00:01:55,640

school Joanna

46

00:02:00,310 --> 00:01:58,009

lives in Galveston Texas and enjoys