



1  
00:00:06,039 --> 00:00:02,659  
hi I'm NASA Kennedy's Isabelle Kennedy

2  
00:00:10,610 --> 00:00:08,240  
Kennedy Space Center scientist Gioia

3  
00:00:12,049 --> 00:00:10,620  
Massa was among 18 NASA engineers and

4  
00:00:13,610 --> 00:00:12,059  
researchers who received the

5  
00:00:15,680 --> 00:00:13,620  
presidential Early Career Award for

6  
00:00:17,390 --> 00:00:15,690  
scientists and engineers Massa along

7  
00:00:19,099 --> 00:00:17,400  
with nearly 300 other federal

8  
00:00:21,439 --> 00:00:19,109  
researchers received her award during a

9  
00:00:23,960 --> 00:00:21,449  
ceremony on July 25th in Washington DC

10  
00:00:26,150 --> 00:00:23,970  
Massa who earned her PhD in plant

11  
00:00:28,040 --> 00:00:26,160  
biology from Penn State University is

12  
00:00:29,720 --> 00:00:28,050  
the lead researcher for the veggie plant

13  
00:00:31,609 --> 00:00:29,730

growth system that is in use on the

14

00:00:33,170 --> 00:00:31,619

International Space Station her work

15

00:00:34,639 --> 00:00:33,180

includes studying the perfect conditions

16

00:00:37,130 --> 00:00:34,649

for plant growth in space and what

17

00:00:38,959 --> 00:00:37,140

species grow most effectively Kennedy's

18

00:00:40,569 --> 00:00:38,969

exploration research and Technology

19

00:00:43,100 --> 00:00:40,579

programs hosted a two-day workshop

20

00:00:45,200 --> 00:00:43,110

focusing on robotics and automation and

21

00:00:46,790 --> 00:00:45,210

space crop production participants from

22

00:00:49,279 --> 00:00:46,800

around the world and members of NASA

23

00:00:50,690 --> 00:00:49,289

industry academia and other government

24

00:00:53,000 --> 00:00:50,700

agencies met to share their knowledge

25

00:00:54,709 --> 00:00:53,010

topics discussed focused on plant growth

26  
00:00:57,410 --> 00:00:54,719  
technologies planting and transplanting

27  
00:00:59,000 --> 00:00:57,420  
crops food safety and more keynote

28  
00:01:00,799 --> 00:00:59,010  
speakers and representatives from

29  
00:01:02,420 --> 00:01:00,809  
different organizations presented

30  
00:01:03,830 --> 00:01:02,430  
high-level overviews of their focus

31  
00:01:05,210 --> 00:01:03,840  
areas afterwards

32  
00:01:07,130 --> 00:01:05,220  
attendees toured the center's food

33  
00:01:09,679 --> 00:01:07,140  
production research labs and engaged in

34  
00:01:11,420 --> 00:01:09,689  
more in-depth discussions and remember

35  
00:01:13,350 --> 00:01:11,430  
spaceport magazine digs deeper inside

36  
00:01:16,300 --> 00:01:13,360  
KSC