



UMass Amherst  
Ground Testing and  
Verification

1  
00:00:00,789 --> 00:00:05,150

“Here’s some of the stories trending This Week at NASA!”

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00:00:05,150 --> 00:00:09,740

On April 7, a group of NASA experts held a panel discussion at the agency’s headquarters

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00:00:09,740 --> 00:00:14,880

about recent discoveries of water and organics in our solar system, the role our sun plays

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00:00:14,880 --> 00:00:19,360

in water-loss in neighboring planets, and our search for habitable worlds among the

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00:00:19,360 --> 00:00:20,360

stars.

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00:00:20,360 --> 00:00:24,480

Understanding the distribution of water in our solar system tells us a great deal about

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00:00:24,480 --> 00:00:28,590

how the planets, moons, comets and other bodies formed.

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00:00:28,590 --> 00:00:32,710

Recent findings related to water by several NASA spacecraft are helping to inspire the

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00:00:32,710 --> 00:00:37,660

continued investigation of our origins and the fascinating possibilities of life on other

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00:00:37,660 --> 00:00:40,850

worlds in the universe.

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00:00:40,850 --> 00:00:45,120

An April 6 event at Marshall Space Flight Center provided an opportunity to showcase

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00:00:45,120 --> 00:00:50,760  
the first collection of recently returned 3-D printed parts made onboard the International

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00:00:50,760 --> 00:00:51,760  
Space Station.

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00:00:51,760 --> 00:00:56,650  
NASA Administrator Charlie Bolden was there inspecting some of the parts fabricated using

15  
00:00:56,650 --> 00:01:01,610  
the 3-D or additive manufacturing process, one of the new technologies being tested on

16  
00:01:01,610 --> 00:01:07,490  
the space station that could be used by future astronauts to make spare parts and other essential

17  
00:01:07,490 --> 00:01:13,200  
items while traveling to Mars and other deep space destinations.

18  
00:01:13,200 --> 00:01:17,820  
While at Marshall Space Flight Center, Administrator Bolden joined associate administrator of NASA's

19  
00:01:17,820 --> 00:01:22,880  
Office of Small Business Programs Glenn Delgado to award Marshall and Center Director Patrick

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00:01:22,880 --> 00:01:28,710  
Scheuermann the agency's Small Business Administrator's Cup, presented annually to the NASA center

21  
00:01:28,710 --> 00:01:32,280  
that operates the best overall small business

program.

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00:01:32,280 --> 00:01:36,909

The center was recognized for promoting the participation of small businesses in helping

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00:01:36,909 --> 00:01:38,950

NASA achieve its goals.

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00:01:38,950 --> 00:01:44,710

It is the fourth time Marshall has earned the cup in the award's seven-year history.

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00:01:44,710 --> 00:01:48,590

Prior to the start of the 15th annual NASA Student Launch event at Marshall Space Flight

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00:01:48,590 --> 00:01:53,500

Center, student teams participated in a Rocket Fair, where they gave technical presentations

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00:01:53,500 --> 00:01:59,420

to, and received valuable feedback from, engineers and team members from NASA and Student Launch

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00:01:59,420 --> 00:02:02,159

corporate sponsor Orbital ATK.

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00:02:02,159 --> 00:02:07,030

The Student Launch program challenges students to design rockets that address the research

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00:02:07,030 --> 00:02:08,649

needs of different NASA missions.

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00:02:08,649 --> 00:02:13,959

Some of the students' research results may be used to design and develop future NASA

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00:02:13,959 --> 00:02:16,680

projects.

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00:02:16,680 --> 00:02:22,200

On Earth Day – which is April 22, NASA is asking you to share photos and video of your

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00:02:22,200 --> 00:02:28,719

favorite places on Earth using social media – and tag the images with, #NoPlaceLikeHome.

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00:02:28,719 --> 00:02:34,180

NASA's exploration missions have seen a lot of beauty on other planets, but recognizing

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00:02:34,180 --> 00:02:41,639

the beauty right here is NASA's way of giving a great big Earth Day hug to our home planet.

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00:02:41,639 --> 00:02:46,900

On April 6 at NASA headquarters, the family of the late Dr. Maya Angelou presented the

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00:02:46,900 --> 00:02:52,290

agency with the text of a poem she wrote that was flown onboard NASA's Orion spacecraft

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00:02:52,290 --> 00:02:55,840

during its December 2014 flight test.

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00:02:55,840 --> 00:03:00,489

Administrator Charlie Bolden accepted the poem, titled, A Brave and Startling Truth,

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00:03:00,489 --> 00:03:03,530

on behalf of the agency.

42

00:03:03,530 --> 00:03:05,540

And that's what's up this week @NASA ...

