

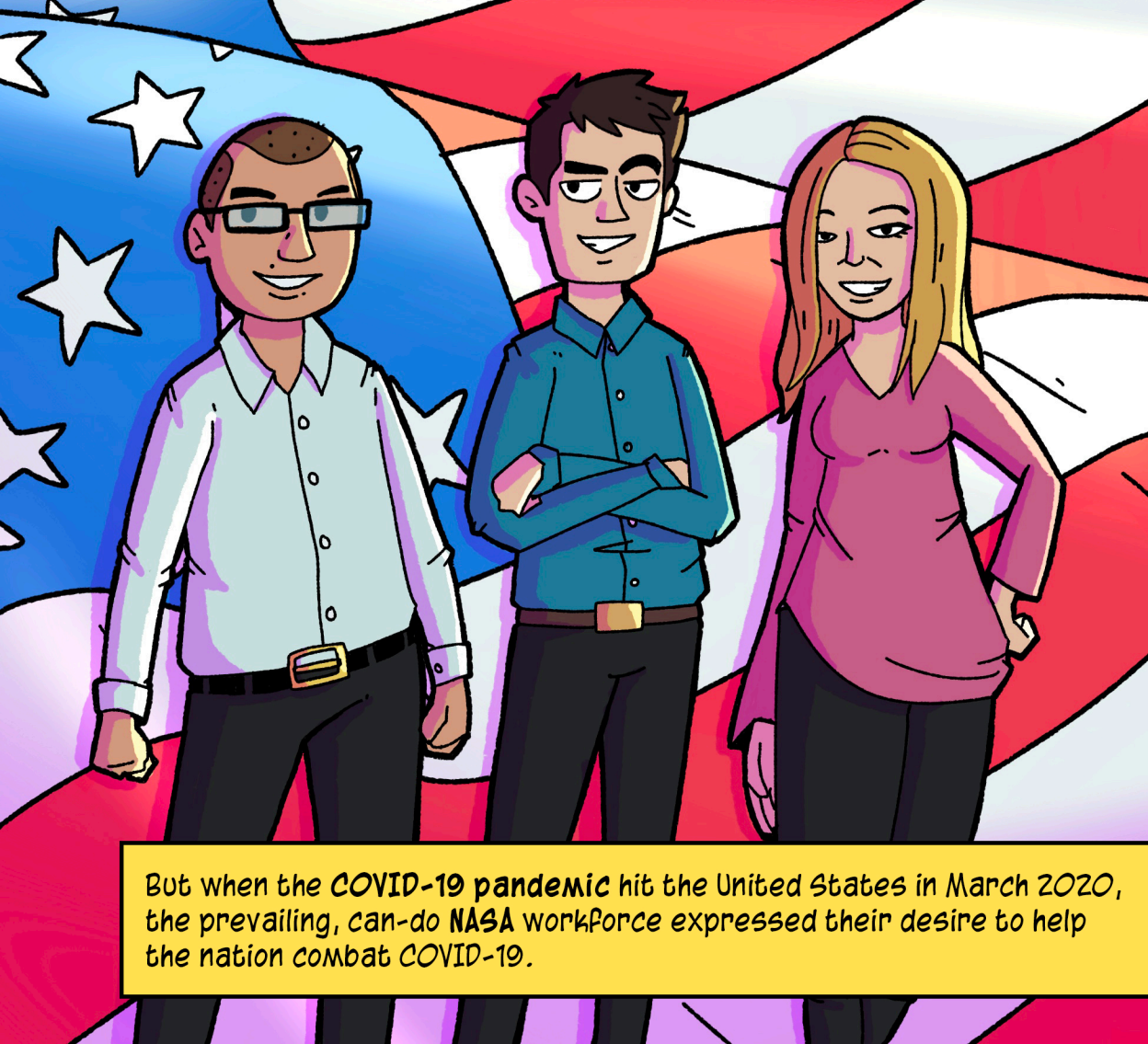
IDEASCALE

IN THIS SPECTACULAR ISSUE:
NASA TAKES ON COVID-19!



NASA@
WORK

NASA is a United States government agency that is responsible for science and technology related to air and space.



But when the **COVID-19** pandemic hit the United States in March 2020, the prevailing, can-do NASA workforce expressed their desire to help the nation combat COVID-19.

So NASA launched an agency-wide call for ideas on its internal crowdsourcing platform NASA@WORK, hosted on IdeaScale's software, the call focused on three challenge areas:

NASA@WORK

file a challenge

UPDATE SEAN

personal protective equipment

ventilation devices

REPORT

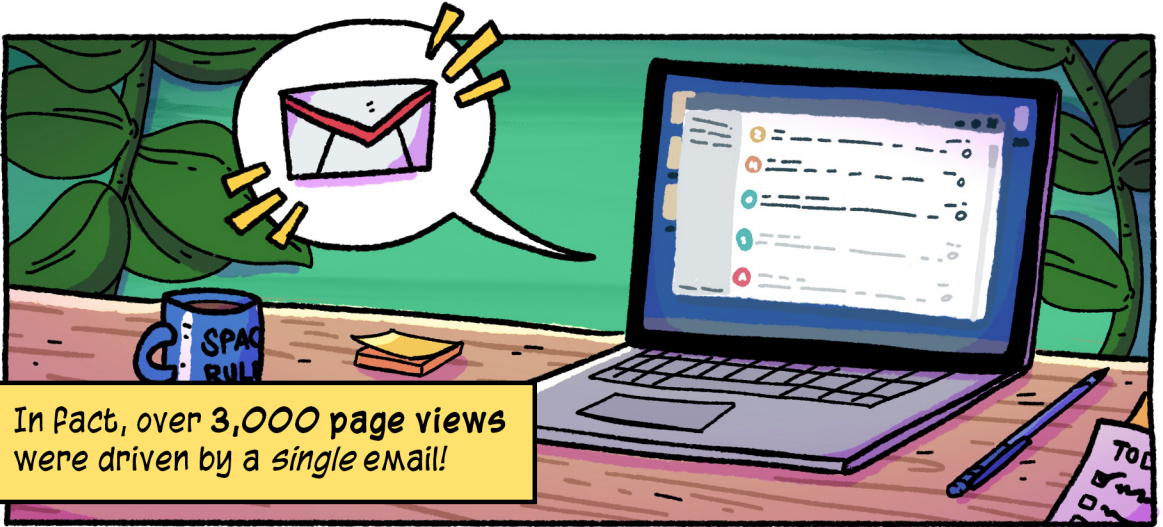
CHALLENGE
PER THOUSAND

DATA

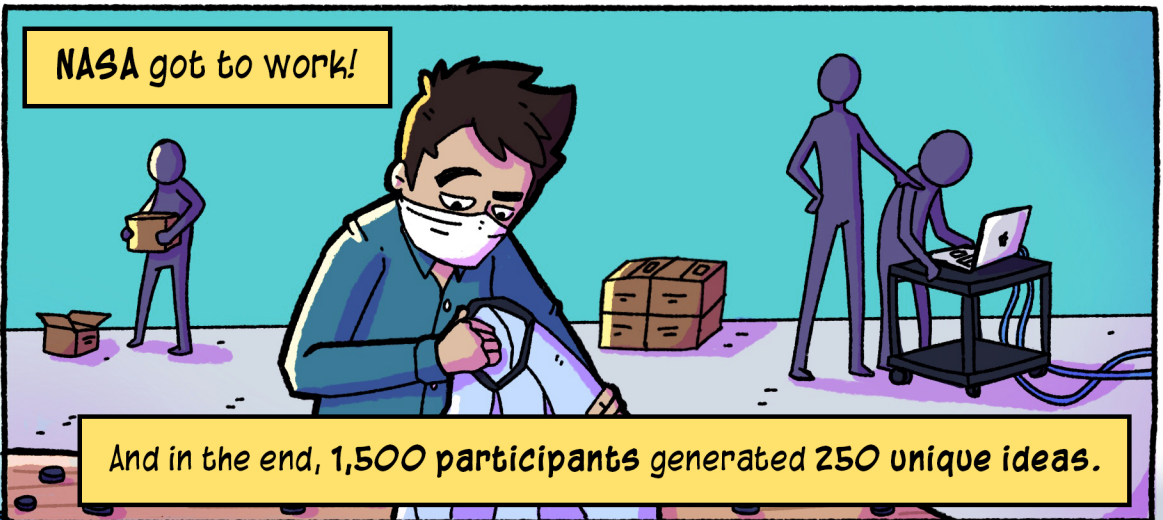
COVID-19 SPREAD

and monitoring and forecasting the spread and impacts of the virus

Top leadership from NASA administrators included it in their communications.



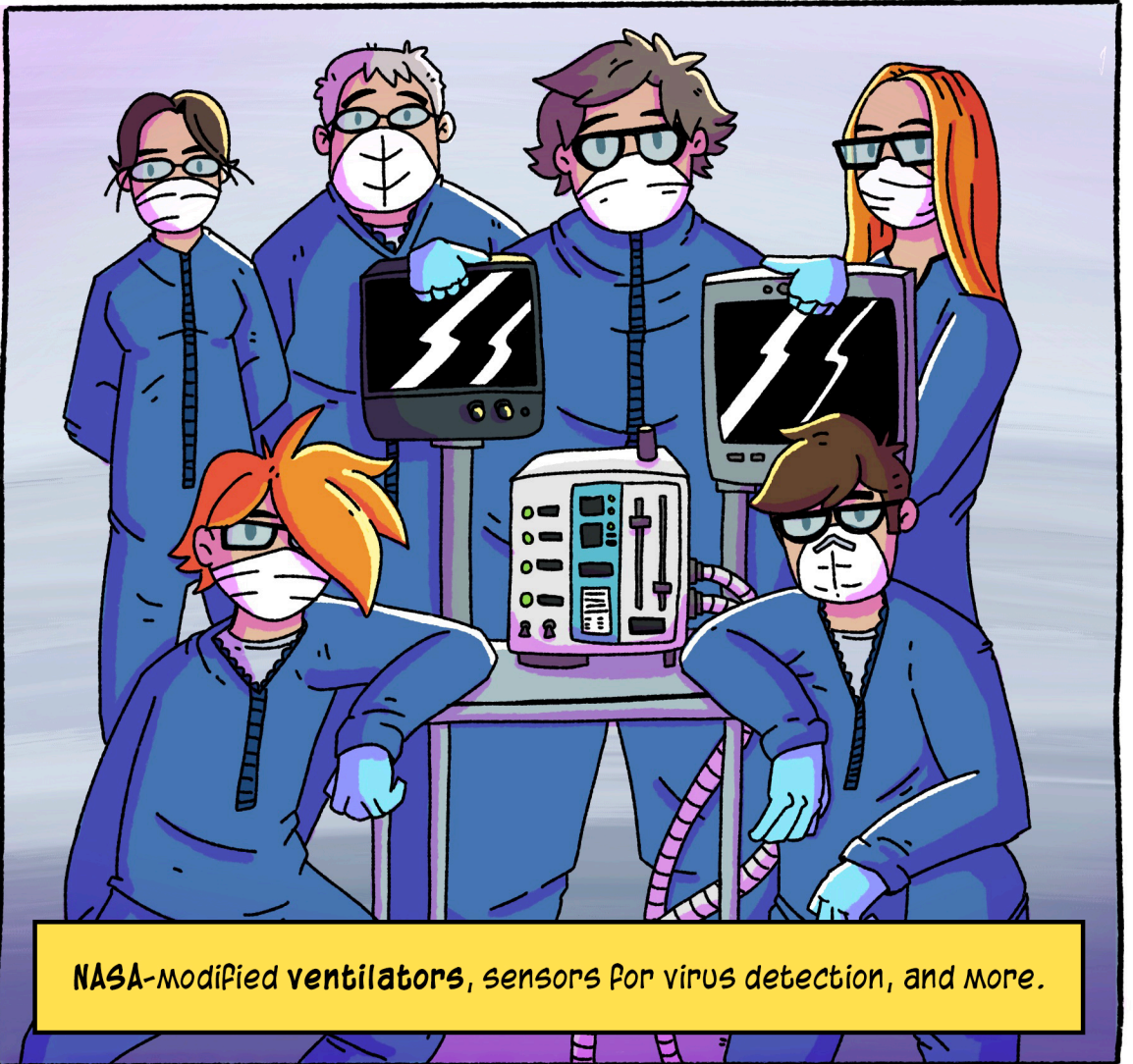
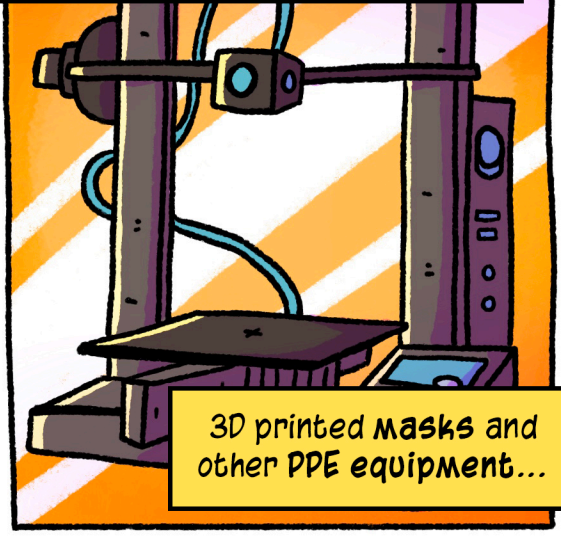
In fact, over 3,000 page views were driven by a single email!



And in the end, 1,500 participants generated 250 unique ideas.

The NASA@WORK ideas added value to several projects, including using NASA's supercomputing capability to advance research for treatments and a vaccine, as well as offering their artificial intelligence expertise to develop new data mining techniques for answering high-priority scientific questions related to COVID-19.

Other ideas have informed the efforts that have led to new virus tracking and forecast modeling apps, visualizations...

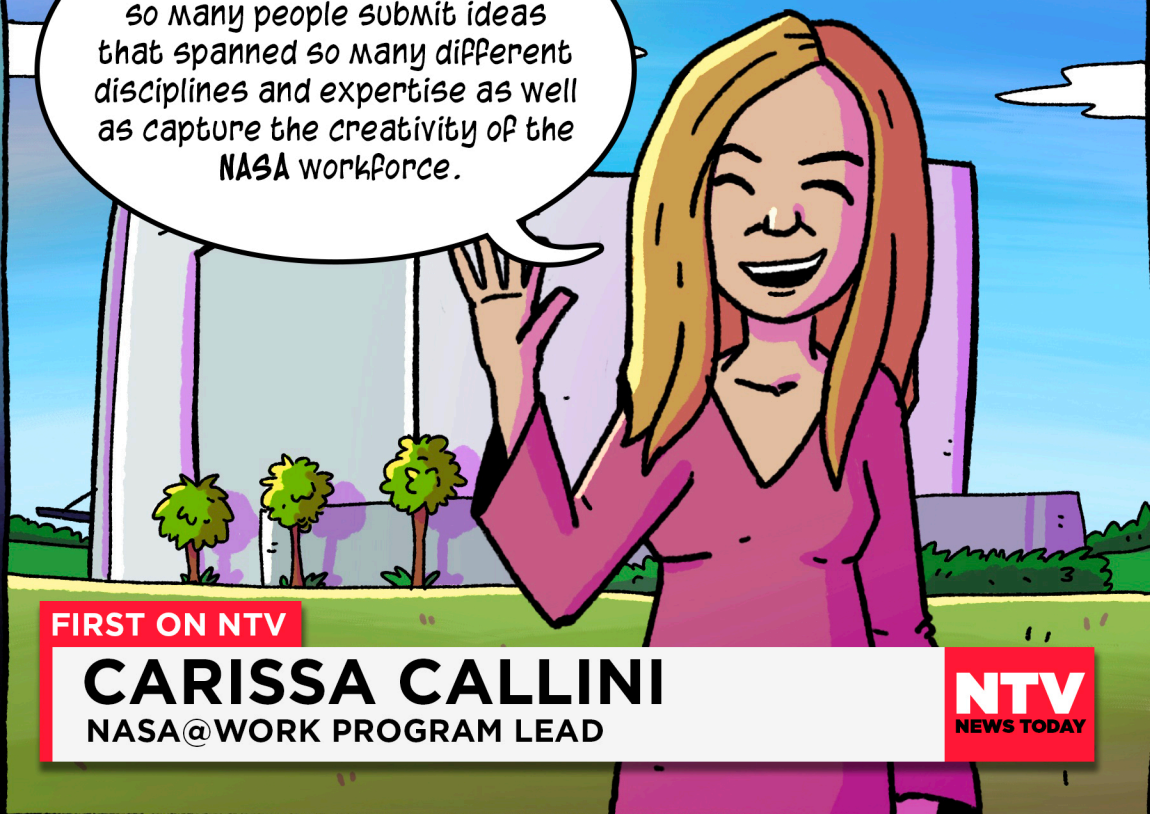


NASA-modified ventilators, sensors for virus detection, and more.

Seven ideas have already been implemented!



It was exciting to see so many people submit ideas that spanned so many different disciplines and expertise as well as capture the creativity of the NASA workforce.



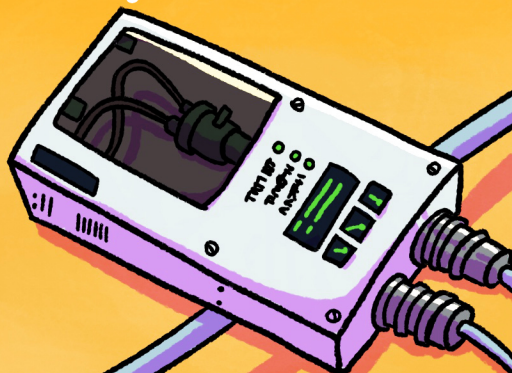
FIRST ON NTV

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NASA@WORK PROGRAM LEAD

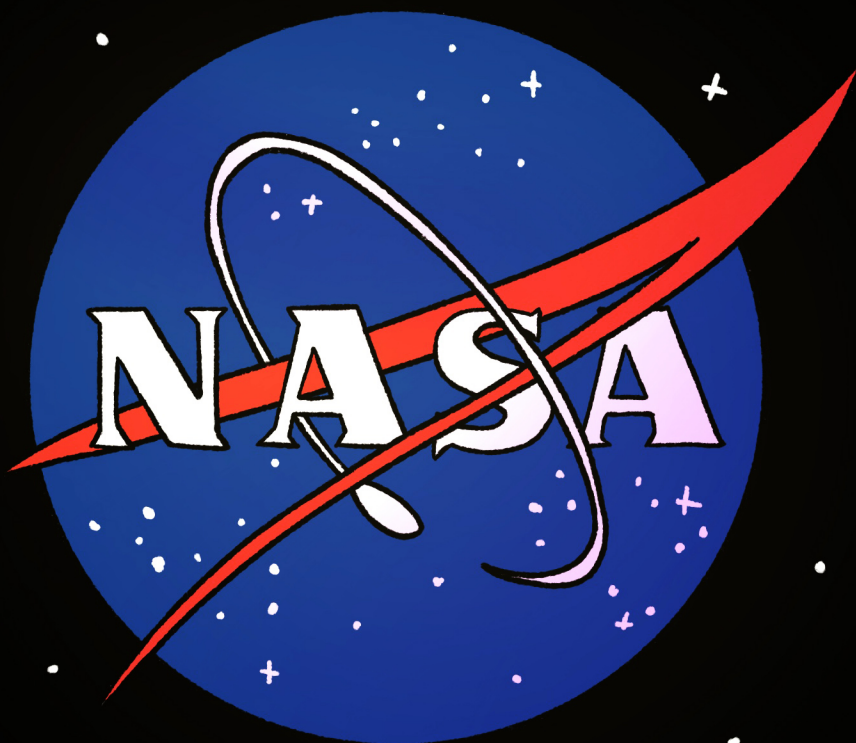
NTV
NEWS TODAY

Since the challenge ended, several ideas have continued to pursue funding through their center champions...



...efforts like the E-Nose COVID breathalyzer have recently secured \$3.8M in funding from Health and Human Services to support development of the viral detector through an Ames Research Center and Goddard Space Flight Center collaboration.

In times of crisis, NASA comes together to solve the problems that matter most!



The End