

THE SPACE POOP CHALLENGE

A \$30,000 COMPETITION TO SOURCE A SYSTEM THAT ROUTES AND COLLECTS HUMAN WASTE AWAY FROM THE BODY, HANDS-FREE, FOR FULLY SUITED ASTRONAUTS.

SPONSORED BY
NASA Johnson Space Center

150 TEAMS FROM 130 COUNTRIES

COMMUNITY MEMBERS FROM ALL 7 CONTINENTS
AND EVERY COUNTRY



20,000
COMPETITORS

295,000 UNIQUE PAGE VIEWS

21
FINALISTS



5,000 TOTAL SUBMISSIONS



3 WINNERS

46 ACTIVE
ASTRONAUTS
(who are very
relieved)



239 MEDIA PICKUPS



1 WEDDING PROPOSAL



heroX.

<https://herox.com/spacepoop>

NTIL
NASA
Tournament Lab

Space Poop Challenge Winners



1st Place Winner

Dr. Thatcher Cardon (USAF
Flight Surgeon - USA)

Innovative concepts based on
current laparoscopic surgical
techniques. Included
prototypes of multiple design
concepts w/ detailed demos.

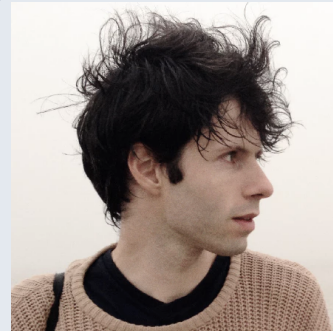
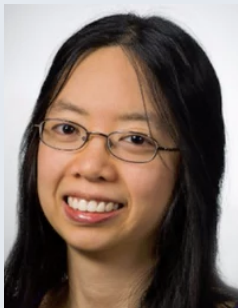


2nd Place Winner

Team SPUDS

(Physician/Engineers - USA)

Innovative airflow & solid waste
valve designs.



3rd Place Winner

Hugo Shelley

(Product Designer - UK)

Innovative concept for
compact wipe packaging &
fit securing techniques.

SWIMSuit - NASA Challenge Entry
Exterior view



System design by Hugo Shelley (www.istatechnology.com)
Artwork by Dan Epstein (www.daniepstein.com)