

Dianne McGrath

ONE WAY MISSION TO MARS



(attribution: ANZ Bank)

Dianne McGrath from Melbourne was one of over 200,000 people worldwide who applied for the job mid-2013, and is among 100 people globally remaining in the final candidate astronaut pool. Dianne has used the 4+ years of the selection process to begin making herself 'Mars-ready' mentally, physically, technically and intellectually. A story of space exploration has become a journey of growth and personal development year-on-year for Dianne. Outside of her Mars One preparations, Dianne is a sustainability expert doing a PhD in Environmental Engineering.

DIANNE MCGRATH 2018 SCHOOL SEMINAR SERIES – TOPIC DETAILS

SEMINAR TOPICS MAY BE TAILORED FOR INDIVIDUAL SECONDARY AND PRIMARY SCHOOLS AND CLASSES

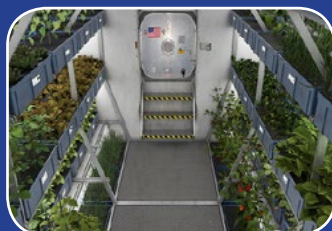


(attribution: Bryan Versteeg and Mars One)

THE MARS ONE MISSION

Dianne is one of the 100 short-listed astronaut candidates in the international Mars One mission, which plans to establish the first permanent human settlement on Mars after 2031.

Topics may include: the Mars One mission and aspects of space and science; challenges the astronauts will face; a sustainable Earth-independent colony; why Dianne wants to go to Mars; how Dianne is becoming Mars-ready; working hard to realise your dreams.



(attribution: NASA)

LIVING SUSTAINABLY ON MARS FOR A BETTER LIFE ON EARTH

What are the challenges of self-sufficiency on Mars? What could a closed-loop, sustainable system look like on Mars for different resources? What lessons are applicable to Earth?

Topics may include: Martian environmental conditions affecting resource availability; waste and the waste management hierarchy; food, water, energy and other resource systems; exploring solutions and actions individual students can take for life on Earth.



(attribution: Haiku Deck)

HUMAN HEALTH IN SPACE

What medical skills are needed in space, and then on Mars? What are the health risks that astronauts face? How can they be managed? Can we learn anything for Earth?

Topics may include: the effects of space on human health; strategies to manage health-related challenges (health, safety and wellbeing); similar health-challenged environments on Earth, and what can be learnt from both perspectives.



(attribution: The Knox School)

CAREER PATHS ARE RARELY LINEAR

"Whatever you are, be a good one." – Abraham Lincoln

Topics may include: Dianne's career path; taking risks and making the most of opportunities; giving yourself permission to fail (and learn from it); resilience; a growth vs fixed mindset; focusing on what is important – it may not be 'the mark' or grade; it's about the journey.

Dianne McGrath

2018 SCHOOL SEMINAR SERIES

ONE-WAY MISSION TO MARS!

Humankind has its sights set on Mars – permanently!
Mars One is seeking to establish the first permanent
human settlement on Mars from 2031 onwards (www.mars-one.com).

SCHOOL VISIT AND SPEAKING OPPORTUNITY

Schools have the opportunity to have Dianne
present on a range of topics which include:



(attribution: Leo Flander)

THE MARS ONE MISSION

CAREER PATHS ARE RARELY LINEAR

HUMAN HEALTH IN SPACE



(attribution: NASA)

LIVING SUSTAINABLY ON MARS FOR A BETTER LIFE ON EARTH

Details for these topics can be found on the Seminar Series Topic Details page.

Dianne can tailor aspects of her talks or workshops to your secondary or primary school's needs.

Dianne is an experienced public speaker, having been on TV and radio, given a TEDx talk, presented to tens of thousands of school students across Australia, as well as on panels and at corporate events, and has given lectures at university and academic conferences.

Find out more about Dianne on her website: www.dianнемcgrath.com.au.

Fees (NB. some travel and accommodation costs may apply):

\$1200 (plus GST):

Dianne speaks with 1 group within the school.
Dianne is at the school for approximately
1 hour.

\$1600 (plus GST)

Dianne speaks with up to 2 groups within the school,
or speaks with the whole school in a single plenary
accompanied by another event (classroom visit, morning
tea, etc). Dianne is at the school for up to half a day.

BOOKINGS AND ENQUIRIES

Expressions of interest by return email to [BCC Management info@bccm.com.au](mailto:info@bccm.com.au) and ros@bccm.com.au
For more information, contact Ros Christie or Jude Prentice 03 8679 5460 or 0400 964 696

Special offer educational rates for schools only.
Different corporate rates apply for keynote addresses to parent, teacher and other associated groups.