

# ONE GIANT STEP...

CLOSER TO YOUR DREAM

ISSET PRESENTS

# MISSION TM

## DISCOVERY

MEET

LEARN

DESIGN

LAUNCH

## 5 DAY STEM SCHOOL HOLIDAY EXPERIENCE

**30 SEPTEMBER – 4 OCTOBER 2019**

HOSTED BY THE UNIVERSITY OF MELBOURNE

- Learn from a NASA astronaut, NASA leaders and expert scientists to launch your ideas into space!
- Work in groups to develop a science experiment to be tested in micro-gravity
- The winning team will have their project launched and tested by astronauts aboard the International Space Station!
- Learn about a range of exciting STEM career paths
- Develop leadership, teamwork, problem solving and public speaking skills
- Meet like-minded friends and mentors
- A full 5 day program at the University of Melbourne

**THE SKY'S NO LIMIT!**



THE UNIVERSITY OF  
MELBOURNE

# WELCOME TO MISSION DISCOVERY

## 5 DAY MISSION ITINERARY

DAY  
.01

- NASA team building – NASA presentation
- Mission Patch Team Challenge
- The Journey to Mars – NASA presentation
- Mars Lander Team Challenge
- The Best Science Experiment – NASA presentation

DAY  
.02

- Becoming an Astronaut and The Story of a Space Mission – NASA presentation
- Headline Story Team Challenge
- How to design a space experiment – NASA presentation
- Presentation from a guest university professor or lecturer

DAY  
.03

- Budgeting and Planning Skills – NASA presentation
- The International Space Station Environment, Experiments and an Expedition
- Work on experiments
- Space Experiments – NASA presentation

DAY  
.04

- Improve Your Presentation Skills – NASA presentation
- Working on experiments and presentation
- The Earth From Space – NASA presentation

DAY  
.05

- Presentation preparation
- First round presentations
- Finalists selected
- Final presentations
- Winners announced

\* Itinerary subject to change

## PROGRAM COST From \$669 + GST

- 5 full day STEM and leadership program with NASA astronaut and leaders, University of Melbourne experts and mentors
- Monday 30th September to Friday 4th October 2019. Students must bring their own lunch, snacks and water bottle
- The program will take place at the campus of our education partner, the University of Melbourne, Parkville Campus
- Reduced rates for school groups are available, talk to your teacher. Subsidised rates are available to eligible students (see website)

## FOR MORE INFORMATION

Visit [missiondiscovery.com.au](http://missiondiscovery.com.au)  
or call +61 3 9646 4200

## AN OPPORTUNITY FOR ORDINARY KIDS TO DO SOMETHING EXTRAORDINARY

If you are in years 7-10, you have the opportunity to spend a week learning from a NASA astronaut and NASA personnel during 'Mission Discovery'.

In small groups you will take on the role of a research scientist and design your own experiment to be carried out in space.

The winning team has their experiment built and carried out on the International Space Station by NASA.

## YOUR MISSION DISCOVERY TEAM

### Steve Swanson

NASA Astronaut and ISS Commander

### Sarah Murray

NASA'S Deputy of Orion Vehicle Systems Performance & Analysis

### Dr Julie Keeble

Lecturer of Pharmacology and ISSET's Chief Scientist

### TBA

Senior Science Faculty Expert, the University of Melbourne

### Ross Barber

International Space School Education Trust (ISSET)

\* Team members subject to change

*"This program was one of the most enriching experiences I've ever had. I learned so much."*

### Michael N.

Mission Discovery  
Melbourne 2018

