

ONE GIANT LEAP...

TOWARDS YOUR DREAMS

WELCOME TO **MISSION DISCOVERY CHINA**

AN OPPORTUNITY FOR ORDINARY
STUDENTS TO DO SOMETHING
EXTRAORDINARY

Spend 5 days with a **NASA Astronaut**,
a **NASA Leader**, and a **King's College
Scientist**, and have your experiment carried
out on the International Space Station!

ISSET PRESENTS
MISSION
DISCOVERY

MEET

LEARN

DESIGN

LAUNCH

FIRST IN CHINA

30 MARCH - 3 APRIL 2020

HOSTED BY
THE CANADIAN INTERNATIONAL
SCHOOL OF BEIJING

ALL PUPILS AGED 14+ ARE WELCOME
PROGRAM IS CONDUCTED IN ENGLISH

For the learning benefit
of our participants, we
can only accommodate a
maximum of **400 students**
at this event. Book early to
avoid disappointment!



YOUNG
EDSPLOERER



M² IDEAS



CANADIAN
INTERNATIONAL SCHOOL OF
BEIJING
北京加拿大国际学校

Mission Discovery's SPACE & STEM Program aims to provide the students with the highest level of NASA Leadership Training and Scientific Research.

Students from ages 14 and above carry out scientific research and receive recommendations from the most elite personnel in the space industry, including NASA Astronauts, Rocket Scientists and NASA Personnel.

Students propose an idea for their own scientific experiment, with the best idea launched into space and carried out by Astronauts aboard the International Space Station.

WHY YOU SHOULD JOIN MISSION DISCOVERY CHINA

- Get a 5 full day STEM and leadership program with NASA astronaut and leaders, The Canadian International School of Beijing experts and mentors
- Be among the few who have had their experiment carried out in space by Astronauts
- Be introduced to the highest level of NASA leadership, space exploration & scientific research
- Make your university application stand out from the rest
- Develop leadership, teamwork, innovation and public speaking skills to prepare yourself for university and future career
- Learn how to work successfully in a team outside of your normal peer group
- All participants have the opportunity to interact with NASA Astronauts and personnel



"Mission Discovery, was by far, the most comprehensive, interesting and educational endeavour i have been involved in."

MIKE MCCULLEY

*Former NASA Astronaut And
President Of United Sopace
Alliance*



Enjoy an early bird price at
USD 850 for full 5 days
when you book and pay
before **30 January 2020**
(Original price USD 980)

MISSION DISCOVERY CHINA AGENDA



MONDAY

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

TUESDAY

Day
02

- Becoming an Astronaut and the Story of Space
- Headline Story Team Challenge
- How to design a space experiment – NASA presentation
- Teamwork and discussion

WEDNESDAY

Day
03

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

THURSDAY

Day
04

- Improve Your Presentation Skills – NASA presentation
- Work on experiments and presentation
- The Earth From Space – NASA presentation
- Evening networking session with NASA Astronaut and the Mission Discovery Team

FRIDAY

Day
05

- Presentation preparation
- First round presentations
- Finalists selected
- Final presentations
- Host School campus tour
- Winners announced

THE MISSION DISCOVERY TEAM

2020 MISSION DISCOVERY CHINA EXAMPLE PROGRAM TEAM MEMBERS



STEVE SWANSON

NASA Astronaut & ISS Commander

Space Shuttle flights STS-117, STS-119, and Expedition 39 to the ISS aboard the Soyuz. Steve has also served as a CAPCOM for ISS and Space Shuttle missions. He has logged 643 hours in space and completed four spacewalks, totalling 26 hours and 14 minutes. Steve is a recipient of the NASA Exceptional Achievement Medal



SARAH MURRAY

NASA'S deputy of Orion Vehicle Systems Performance and Analysis

Sarah is in the Orion Vehicle Integration Office, which is responsible for integrating all the vehicles: the Orion, the European Service Module being built in Germany, the abort system being built in Virginia, which all sits on top of the rocket, the Space Launch System (SLS) being built in Alabama. She has served on NASA's Mission Support Council as well as Assistant Division Chief for EVA, Robotics and Crew Systems, where she was responsible for the Neutral Buoyancy Laboratory Space Walking training facility. She has held roles in Astronaut Training and Mission Control. She has also been Deputy Chief of Space Flight Training Management, where she was the Chair of the International Training Control Board, responsible for training astronauts and cosmonauts.



DR. JULIE KEEBLE

Lecturer Of Pharmacology and ISSET's Chief Scientist

Dr. Julie Keeble is a lecturer at the Institute of Pharmaceutical Science at King's College, London and is jointly affiliated with the Centre for Human & Aerospace Physiological Sciences. Her research focuses on the role of sensory nerves, pain, inflammation and thermoregulation. Dr Keeble is also ISSET's Chief Scientist and is responsible for ensuring that all winning Mission Discovery experiments are launched to the International Space Station.



CHRIS BARBER

Space Educationalist & Founder of ISSET

Founder of the International Space School Educational Training (ISSET). ISSET has been developed to be the UK's most exciting space educational organization, running programs in the UK, USA, China, Arctic and India. Chris has had extensive careers in both finance and education. He is also a Leadership and Organizational Improvement Consultant.

ABOUT ISSET

The International Space School Educational Training (ISSET) works in partnership with some of the world's leading space organisations to deliver unique learning opportunities for students of all ages.

Each of our programs offer something unique, whether it be on an international excursion learning from some of the greatest minds in the world, or our unique Mission Discovery challenge where you can send your experiment into space. Through close working relationships with different aerospace organisations, ISSET lets you team up with astronauts, rocket scientists and leading business professionals at the highest level. At ISSET we categorise all participants as students, undertaking programs from which they can gather new knowledge. ISSET is a registered UK charity founded in 1998.

ISSET'S GOALS

- Inspire and motivate young people through STEM and space exploration
- Give ordinary people the opportunity to achieve something extraordinary
- Recognising what humans can achieve
- Instilling the NASA 'you can do it' spirit!

PREVIOUS MISSION DISCOVERY PROGRAM HOSTS

- King's College, London
- Ayrshire College, Scotland
- University of West of Scotland
- University of Melbourne, Australia
- Duke University, North Carolina, USA
- University of Seville, Spain
- Cranfield University, England
- University of Adelaide, Australia
- Mayo College, India
- Griffith University, Australia
- Stamford American International School, Singapore

ABOUT CISB

Founded during the fall of 2005, the Canadian International School of Beijing offers an internationally recognized Canadian (New Brunswick) curriculum and all three International Baccalaureate (IB) Programmes in a beautiful downtown campus. We welcome students from Beijing's diplomatic and expatriate communities with programming that starts in our Montessori Nursery (18 months to 3 years old) through to our Grade 12 graduating class.



YOUNG
EDSPLOER



M² IDEAS



CANADIAN
INTERNATIONAL SCHOOL OF
BEIJING
北京加拿大国际学校

PROGRAM INFORMATION

LOCATION

The Canadian International School of Beijing
38 Liangmaqiao Rd., Chaoyang District, Beijing,
100125, China

REGISTRATION

The program will run daily from 9.30am to 4.30pm.

Please arrive by 8.30am on the first day and by 9.00am other days, to ensure a prompt start at 9.30am.

WHAT TO BRING

- Snacks if needed and a refillable drink bottle
- A notepad and pen to take notes during the program
- Students who have their own iPad or laptop would benefit by bringing it to the program each day.

CONDUCT

- You will be in a professional environment, with some of the world's elite in the fields of space and science
- You will be expected to behave in an appropriate manner - politely, attentively and with tolerance towards everyone
- There will be photo opportunities, so dress smart-casual
- Consumption of alcohol and cigarettes is not permitted
- Parents will be contacted if their child has failed to register before 9.30am each day, without giving prior notice

"Mission Discovery is the most complete and exciting educational program I have worked with. I'm always excited to see where the students imagination takes them and watch them develop throughout the week. When I was young, I would have loved the chance to have an experiment of my own in space."

ASTRONAUT
DR. MICHAEL FOALE
CBE



To register for the program and take a virtual tour find us at www.missiondiscoveryasia.com and on WeChat at "Mission Discovery"

Or for more information, contact us:
info@m2ideas.com



YOUNG
EDSPLOER



M² IDEAS



CANADIAN
INTERNATIONAL SCHOOL OF
BEIJING
北京加拿大国际学校