



Matthew Bamsey, QC,
Research Affiliate, Canadian Space Agency's,
Space/Science - Planetary Exploration division

ASTRONAUT, PERSONAL TRAINER, AND
VOLUNTEER EDUCATOR

Application: Pending

Story

His parents' book collection inspired him to be curious about space. One of few chosen for expedition to Devon Island to simulate Mars mission and made it to the TOP twelve astronaut recruits for the Canadian Space Agency recruitment programme.

Matt's research in maintaining life in space, has positive applications to improving food and water sources in our harsh weathered Northern communities. Budding amateur magician.

Logical

- Focus on Biological Life Support Systems aka, growing plants in space!!
- Education:
 - * BEng, Aerospace Engineering, Carleton University (2004)
 - * MSc, Aerospace Engineering Bioastronautics Stream, University of Colorado (2005)
 - * PhD, Environmental Biology, University of Guelph (completing Feb.22/2012)

Physical

- Personal trainer part time and 1/2 marathon runner & plays basketball with the guys at CSA on their 1/2 court

Adventure

- 4 month Expedition to Arctic simulating Mars habitat Devon Isle – had challenges but survived

Linguistic

- Commissioned speaker through CSA – English/French

Visual - In the lab

Music - Weakest

Volunteers

- Goes to schools to teach kids about resources in space (air/water/minerals) and how that corresponds to resources on earth...teaches environmental perspective
- Mentor for "Academos" org. that pairs mentors with students

Competitive

- Moderately - a little politically correct - but has good sense of fun and humour – he's game and available!