



PACIFIC SPACEFLIGHT



with Earth and Space Exploration, LLC

is proud to offer an introductory

Spacesuit Training Program

August 13-17, 2018 in Seattle, Washington

In this 5-day course you will actively take steps towards the stars! Students will log several hours pressurized with air and breathing oxygen in Pacific Spaceflight IVA spacesuits, learning how to work comfortably at high suit pressures. Students will also train for a variety of off-nominal landing scenarios while wearing these suits, including water landing and capsule egress, and learn compliance with Code of Federal Regulations standards (14 CFR 460.51 spaceflight participant) for such emergency situations. This course will cover introductory pressure suit history, pressure suit operations, flight physiology, and response to emergency spaceflight situations (egress, loss of cabin pressure, smoke/fire).

After learning suit theory, use, and emergency procedures, the course culminates in a flight to 25,000 feet, where control your own pressure suit, and an aerobatic, Zero-G flight in an Extra 300L!

- Day 1: Introduction, assignment of spacesuits to students, **first suitup**
- Day 2: Spacesuit history & physiology, **suitup & operations; 100% oxygen**
- Day 3: **Suited operations:** Flight Simulation, Smoke and Fire training
- Day 4: **Suited Operations:** Water/Land Capsule Egress; nominal/off nominal Mode VIII training
- Day 5: **Suitup and high altitude flight** to 25,000ft MSL
Optional non suited mode VIII egress from 14,000ft MSL
Course Celebration / Astronaut's BBQ!
- Day 6: **Aerobatic flight** / Depart



Your instructors are Cameron M. Smith, PhD, who has run Pacific Spaceflight's research and development of a new generation of space garments since 2010, and



Mr. Trent Tresch, a 2017 graduate of Embry-Riddle Aeronautical University's Project Possum Scientist Astronaut Training Program. Together, Trent and Dr. Smith will ensure safe and informative spacesuit indoctrination and training, as they have logged hundreds of hours pressurized in these suits, in many training scenarios.



Course Cost: \$5,000: includes five nights' lodging, breakfast and WiFi at Tukwila Ramada; airport shuttle; all training and simulations, suited test flight to 25,000' and aerobatic flight. Cost excludes transportation to and from Seattle, WA, lunch and dinner.

For more information or to register visit pacificspaceflight.com, email us at pacificspaceflighttraining@gmail.com or email Dr. Smith directly at b5cs@pdx.edu.

Registration and down payment of \$1,000 are required by 20 June 2018 for the August 2018 course. *Ten percent price reduction if you register by 10 June!*