

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)  
Medicine in Space and Extreme Environments (4)

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CITIZEN-SCIENTIST ASTRONAUT CANDIDATE EXPERIENCES WITH WILDERNESS, SPACE  
AND EXTREME ENVIRONMENT MEDICINE AND FIELD PROTOCOLS FOR A MEDICAL  
LAY-AUDIENCE

**Abstract**

Project PoSSUM (Polar Suborbital Science for the Upper Mesosphere) is a citizen-scientist astronaut candidate program that has branched out into several offshoots from its initial aeronomy-focused mission. One of these courses has been EVA 102: Space and Extreme Environment Medicine. This paper and presentation will concentrate on experiences over two sessions teaching a medical lay-audience principles of wilderness medicine and triage, medical simulation and hands-on protocols taught in the field, as well as look ahead to future objectives and challenges.