Timothy Sayer (T.J.)

is a Systems Engineer for MicroSat Systems. While attending the Small Sat Conference in 2004 for a Nanosat design review meeting, TJ discovered Microsat Systems. TJ met some of MSI's technical staff at the conference, felt MSI would be a good fit for him and
was brought on as a member of MicroSat later that fall.

Hitting the slopes

in Jackson Hole, Wyoming

Backcountry Skiing

at Berthoud Pass, Colorado

Currently, he is the Program Manager for three DARPA programs: the Secondary launch Interface with Parasitic Payload (SLIPP), involving power harvesting and docking system for sub-20kg inspection satellites, Reconfigurable Satellites for Tactical Responsive Space Systems (WrapSat), which is investigating gossamer deployable satellite bus architecture, and GHB, a 100kW inflatable spacecraft power system. T.J also provided systems engineering support on the TacSat-2 program.

T.J. worked on university satellite projects for three years before spending a summer at NASA Goddard and then joining the MSI team in 2004. As a student, T.J. worked on such varied projects as passive attitude control design and test for CubeSats, structures design and analysis for a 20kg University NanoSat, and analysis of a continuously variable transmission at Goddard Space Flight Center. T.J. earned his Bachelor of Science in Mechanical Engineering from Montana State University in 2003.

Prior to attending MSU, T.J. spent ten years mining gold at his family's mine in Alaska. Located near Little Creek, the mine was discovered in 1906 and purchased by T.J.'s family in 1975. The mine is 300 miles off the road system therefore the only means of reaching it is by plane. T.J. was born in Anchorage, Alaska and raised between there and Tacoma, Washington. T.J. came to Colorado for the opportunity at MSI. Outside of work, T.J. enjoys back-country skiing, mountain biking, traveling and riding his snowmobiles.

T.J. in Egypt