

Projects: W. M. Farrell

Project	Role	Hardware Delivered
ISEE-3 1982-4	Data analyst/MS thesis	
IMP-8 1982-4	Data analyst/MS thesis	
Shuttle's SL-2 PDP 1985-7	Data analyst/PhD thesis	
Voyager 1988-90	Guest Investigator	
Dynamics Explorer 1987-88	Data analyst	
Hawkeye -1 1988-89	Data analyst	
WIND 1990-present	Co-I, Waves; Co-I & Data Manager on MFI	
Cassini 1991-pres	Co-I, RPWS	
Ulysses 1990-2000	Data Analyst	
Sporadic E Rocket 1992	Instrument Build Lead	Flight Search Coils
PULSAUR II Rocket 1993-4	Instrument Build Lead	Flight Search Coils
Svalbard/Cusp Rocket Campaign 1995-6	Instrument Build Lead	Flight Search Coils (2)
Mars Express/MARSIS 2003-2010	Participating Scientist	
Mars03 Surveyor/MATADOR 1999-2001	Deputy PI	
UAV Altus Demo Flight 2000	Instrument Build Lead	Airborne Search coils
Altus Cumulus Electrification Study (ACES) 2001-3	Co-I	Airborne Poynting Vector System (AC E and B)
Nightglow Balloons 2000,2002	Instrument Build Lead	Airborne Search coils
USAF – C/NOFs 2002	VEFI Hardware Provider	Flight VLF filter bank
USAF – DSX 2004-pres	Instrument Build Lead	Flight Search Coils
NLSI/DREAM 2009-2014	PI	
Solar Probe Plus – Fields 2010-pres	Co-I (Backup Search Coils)	
IRAD ISS/Firestation 2011-2012	Co-I	Flight Search Coil
SSERVI/DREAM2 2014-2019	PI	
NRL/SMART Rocket 2018-present	Instrument Build Lead	Flight Search Coils (being built)
HSD BEAM-PIE Rocket 2018-present	Instrument Build Lead	Flight Search Coil (being built)
SSERVI/LEADER 2019-present	Deputy PI	
CLPS/ROLSES 2019-present	Co-I	
CLPS/PITMS 2019-present	Co-I	
CLPS/SEAL 2019-present	Co-I	
CLPS/MAG 2019-present	Co-I	