

PETER HOLLINGSWORTH SMITH

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EDUCATION

University of Arizona	Optical Sciences	PhD, 2009
University of Arizona	Optical Sciences	MS, 1977
University of California, Berkeley	Physics	BA, 1969

RELEVANT EXPERIENCE: Professor, Lunar and Planetary Lab (1978-present)

2013-	OSIRIS-REx co-investigator
2011-2013	Instrument Scientist on OSIRIS-REx, an asteroid mission
2008-2013	Thomas R. Brown Distinguished Chair of Integrated Science
2003-2010	Principal Investigator for the Phoenix Scout mission to Mars.
2002-present	Co-investigator of the MER science team.
2002-2003	Project Manager for the HiRISE telescope on the MRO mission.
2001-present	Co-investigator on the AMICA team for the Japanese Hayabusa mission to a near-earth asteroid, Itokawa, a sample-return mission.
1998-2000	Co-I for the MECA experiment microscope and PI of the robotic arm camera for the Mars Surveyor 2001 mission.
1995-2000	Co-I for the imaging systems on Mars Polar Lander
1993-1998	PI of the Imager for Mars Pathfinder (IMP) experiment.
1989-2006	Huygens Probe on CASSINI: co-investigator on Descent Imaging team.

AWARDS AND HONORS

2011	Admitted to the Arizona Aerospace Foundation Hall of Fame
2010	NASA Exceptional Scientific Achievement medal for Phoenix
2009	Cullum Medal from the American Geographical Soc. Jack Swigert Award from the Space Foundation MOCA "local genius" award
2008	AZ Governor's Innovation Award Van Braun Award UA Alumni-of-the-Year Award Dynamic Duo Award from Compass Health
1998	NASA Public Service medal for Pathfinder IMP

SELECTED PUBLICATIONS

- L. K. Tamppari, P. H. Smith and 10 others, Effects of Extreme Cold and Aridity on Soils and Habitability: McMurdo Dry Valleys as an Analog for the Mars Phoenix Landing Site, *Antarctic Science* (2012).
- P. H. Smith, L. K. Tamppari, and 36 other co-authors, Water at the Phoenix Landing Site, *Science*, **325**, 58-61 (2009).
- M. H. Hecht, P.H. Smith, et al., Microscopy capabilities of the Microscopy, Electrochemistry, and Conductivity Analyzer, *J. Geophys. Res.*, **113**, E00A22, doi:10.1029/2008JE003077 (2008).
- P. H. Smith and the Phoenix Science Team, Introduction to special section on the Phoenix Mission: Landing Site Characterization Experiments, Mission Overviews, and Expected Science, *J. Geophys. Res.*, **113**, E00A18, doi:10.1029/2008JE003083 (2008).
- M. G. Tomasko, P. H. Smith and 12 others, The Descent Imager/Spectral Radiometer (DISR) Experiment on the Huygens Entry Probe of Titan, *Space Science Reviews*, **104**, 469-552 (2002).
- P. H. Smith and the MVACS Camera Team, The MVACS surface Stereo Imager on Mars Polar Lander, *J. Geophys. Res.* (2001).
- P. H. Smith and the IMP Science Team, Results from the Mars Pathfinder Camera, *Science*, **278**, 1758-1765 (1997).
- P. H. Smith, M. Lemmon, J. Caldwell, and M. Allison, Titan's Surface, Revealed by HST Imaging, *Icarus*, **119**, 336-349 (1996).