

CURRICULUM VITAE

Larry R. Nittler

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Born: January 17, 1969, Denver, Colorado

Education:

1996: Ph.D. in Physics, Washington University, St. Louis, MO
Advisor: Robert M. Walker
1991: B.A. in Physics, Cornell University, Ithaca, NY

Employment:

2001–present: Staff Scientist, Carnegie Institution of Washington
1996–1997; 2001–present: Consultant, Lawrence Livermore National Laboratory
1999–2001: Astrophysicist, NASA Goddard Spaceflight Center
1996–1999: Postdoctoral Fellow, Carnegie Institution of Washington

Research Interests:

Isotope cosmochemistry, planetary geochemical remote sensing, technique development for microanalytical analysis of extraterrestrial materials, stellar evolution and nucleosynthesis, origin and early evolution of the Solar System, origin and evolution of organic matter in space, origin and geological history of the terrestrial planets.

Honors and Awards:

2013: NASA Group Achievement Award (for work as part of STARDUST Interstellar Preliminary Examination Team)
2010: Elected Fellow of the Meteoritical Society
2009: NASA Group Achievement Award (for work as part of MESSENGER Science Team)
2005: Antarctic Service Medal
2002: Asteroid 5992 (1981 DZ) named Nittler by International Astronomical Union
2002: NASA Group Achievement Award (for work on NEAR-Shoemaker mission)
2001: Alfred O. Nier Prize of the Meteoritical Society
1996–1999: Carnegie Postdoctoral Fellowship
1994–1996: NASA Graduate Student Research Program Fellowship
1995: Meteoritical Society Student Travel Award
1992–1994: McDonnell Graduate Fellowship
1992: Dean's Award for Excellence in Teaching, Washington University
1991: Distinction in All Subjects, Cornell University

Professional Societies:

Meteoritical Society, American Astronomical Society, American Physical Society

Space Mission Experience:

NEAR-Shoemaker (1998-2002): led data analysis effort for X-ray Spectrometer.
STARDUST (2006-present): isotopic and micro-Raman studies of returned cometary samples; member of Interstellar Preliminary Examination science advisory council.
GENESIS (2006-present): isotopic and elemental analysis of returned solar wind samples.
MESSENGER (2005-present): Deputy Principal Investigator; leader in data analysis for X-ray spectrometer.

Service:

2014-present: Member, Planetary Science Subcommittee, NASA Advisory Council
2013-present: Councilor of the Meteoritical Society
2013: Review panel for Swiss Science Foundation
2001-present: CAPTEM Cosmic Dust Allocation Committee
1999-present: Various NASA Review Panels
2007-2014: STARDUST mission Interstellar Preliminary Examination Science Council
2006, 2009: Review panels for German Science Foundation
2011-2012 : Member, publications committee, Meteoritical Society