

NADINE G. BARLOW

Dept. Physics and Astronomy, Northern Arizona University, Flagstaff, AZ 86011-6010
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EDUCATION:

PhD (1987) University of Arizona, Tucson, Arizona. Major: Planetary Sciences. Minor: Geophysics. Dissertation Title: "Relative Ages and the Geologic Evolution of Martian Terrain Units". Advisor: Robert G. Strom.
B.Sc. (1980) University of Arizona, Tucson, Arizona. Major: Astronomy. Minor: Geosciences/Chemistry.

PROFESSIONAL EXPERIENCE:

8/02-present: Assistant Professor (8/02-7/06)/Associate Professor (8/06-present), Department of Physics and Astronomy, Northern Arizona Univ., Flagstaff, AZ.
1/96-8/02: Instructor of Astronomy (1/96-8/98), Assistant Professor (8/98-8/02), and Director of UCF Robinson Observatory, Department of Physics, Univ. of Central Florida, Orlando, FL.
9/92-1/96: Visiting Scientist, Lunar and Planetary Institute, Houston, TX.
5/92-9/92: Scientific Support, Lunar and Mars Exploration Program Office, NASA Johnson Space Center, Houston, TX.
10/91-5/92: Visiting Scientist, NASA/Johnson Space Center, Houston, TX.
8/91-12/95: Adjunct Professor, School of Natural and Applied Science, University of Houston Clear Lake, Houston, TX.
10/89-9/91: National Research Council Associate, NASA/Johnson Space Center, Houston, TX.
2/87-8/89: Visiting Post-Doctoral Fellow, Lunar and Planetary Institute, Houston, TX
8/82-1/87: Graduate Research Assistant/Associate, Lunar and Planetary Laboratory, Univ. Arizona, Tucson, AZ.
2/82-8/82: Adjunct Professor and Planetarium Lecturer, Palomar Community College, San Marcos, CA

PROFESSIONAL SOCIETIES:

American Astronomical Society (AAS), Committee on the Status of Women in Astronomy, 1995-1998; Member, Review Panel for AAS Small Travel Grants Program, 2000-2001.
Division for Planetary Sciences (DPS) (Member since 1986): Press Officer, 1993-1999; Member, Education Committee, 1993-1996; Member, Executive Committee 1999-2002; Treasurer, 2004-2007.
American Geophysical Union, Planetology Section (Member since 1983).
Geological Society of America, Planetary Geology Division (Member since 1991). Planetary Geology Division Nominating Committee, 1997; Judge for GSA Dwornik Student Awards, 1992-1993, 1999-2000.
Meteoritical Society (Member since 1996). Barringer Medal Selection Committee (2006-2010)

FUNDED RESEARCH:

2009-2012: NASA Lunar Advanced Science and Exploration Research. GIS Database of Lunar Impact Craters.
2008-2011: NASA Mars Data Analysis Program. Analysis of Central Pit Craters on Mars.

2005-2007: NASA Outer Planets Research Program. Morphologic Analysis of Impact Craters on Ganymede.
2005-2006: NASA Mars Fundamental Research Program. GIS Database and Tools for Martian Impact Craters.
2004-2005: Northern Arizona University Intramural Grants Program. Secondary Crater Production on Mars and the Moon: Implications for Age Dating of Planetary Surfaces.
2002-2004: NASA Mars Data Analysis Program. Continued Investigations of Martian Impact Crater Morphologies and Morphometries.
1999-2002: NASA Mars Data Analysis Program. Investigations of Martian Impact Crater Morphologies and Morphometries.

HONORS AND AWARDS:

American Association of University Women Texas Woman of the Year, 1992
University of Central Florida Teaching Incentive Program, 2001
University of Central Florida College of Arts and Sciences Excellence in Undergraduate Teaching Award, 2002
University of Central Florida Excellence in Undergraduate Teaching Award, 2002
Palomar Community College Alumna of the Year 2002-2003
Asteroid 15466 Barlow

SELECTED PROFESSIONAL SERVICE ACTIVITIES:

Director, NAU Space Grant Program and Associate Director, Arizona Space Grant Consortium.
Member, NAU Undergraduate Research Committee.
Founding member and current chair of Mars Crater Consortium.
Have served as a reviewer of manuscripts for *Icarus*, *Journal of Geophysical Research-Planets*, *Nature*, *Geophysical Research Letters*, *Geology*, *EOS*, and *Meteoritics and Planetary Science*.
Have served as a reviewer for proposals submitted to NASA and NSF. Have served on review panels for NASA and NSF.
Member, NASA Planetary Data System Working Group, 2002-2006.
Member, Mars Exploration Program Advisory Group Special Regions Science Analysis Group, 2006.
Participant, Committee on Space Research (COSPAR) Colloquium on Mars Special Regions, 2007.
Judge for GSA Dwornik Student Awards at the Lunar and Planetary Science Conference 1992-1993, 1999-2000.
Served 6 times on Program Committee for the Lunar and Planetary Science Conference between 1991 and 2001.
Scientific co-director of the Lunar and Planetary Institute's Summer Intern Program, 1988-1990.