

MEENAKSHI WADHWA
CURRICULUM VITAE
APRIL 2018

DIRECTOR, CENTER FOR METEORITE STUDIES
PROFESSOR, SCHOOL OF EARTH AND SPACE EXPLORATION
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Biographical Summary

Meenakshi Wadhwa is a researcher and educator interested in the time scales and processes involved in the formation and evolution of the Solar System. Her research group is best known for developing novel methodologies for high precision isotope analyses and application of high resolution chronometers for constraining the time scales of processes in the early Solar System (particularly accretion and differentiation of planetesimals and the terrestrial planets). She has also made significant contributions to understanding 1) the sources and distributions of extinct radionuclides (such as ^{26}Al and ^{60}Fe) in the solar nebula; 2) processes and timescales involved in events in the solar protoplanetary disk and on planetesimals; 3) the formation and evolution of crust-mantle reservoirs on Earth, Moon and Mars; and 4) the abundance and origin of water and other volatiles on rocky bodies in the Solar System. Wadhwa received her doctorate from Washington University in St. Louis and was a postdoctoral researcher at the University of California at San Diego and then curator at the Field Museum in Chicago before moving to Arizona State University in 2006. She is currently Director of the Center for Meteorite Studies and Professor in the School of Earth and Space Exploration at ASU. She is a recipient of the Fulbright-Nehru Academic and Professional Excellence Award (2015), the Guggenheim Fellowship (2005) and the Nier Prize of the Meteoritical Society (2000). Asteroid 8356 has been named 8356 Wadhwa in recognition of her contributions to meteoritics and planetary science.

Education

Ph.D., Earth and Planetary Sciences, Washington University, St. Louis, 1994
M.S., Center for Advanced Studies in Geology, Panjab University, 1989
B.S., Panjab University, 1988; Major in Geology, minors in Physics and Chemistry

Administrative and Leadership Experience

Director, Center for Meteorite Studies, Arizona State University (ASU), 2006-present
Higher Education Resource Services (HERS) Leadership Institute, University of Denver, June 2017
President's Women-in-Leadership Council, ASU, 2015-2016
Provost's Faculty Fellow, Office of Provost, ASU, 2013-2014

Academic Experience

Professor, School of Earth and Space Exploration, Arizona State University, Oct 2006-present
Research Associate, The Field Museum, Oct 2006-present
Visiting Scientist (sabbatical), Lunar and Planetary Institute, Houston, Jan-July 2013
Visiting Faculty (sabbatical), Department of Earth Science, Rice University, Aug-Dec 2012
Curator, The Field Museum, Chicago, March 2005-Sept 2006
Visiting Scholar (sabbatical), California Institute of Technology, Pasadena, Dec 2005-March 2006
Lecturer and Senior Research Associate, University of Chicago, Dec 2003-Sept 2006

Associate Curator, The Field Museum, Chicago, July 1999-March 2005
Lecturer and Research Scientist, University of Chicago, Jan 1997-Dec 2003
Assistant Curator, The Field Museum, Chicago, June 1995-June 1999
Visiting Scholar, University of Chicago, June 1995-Dec 1996
Postdoctoral Research Geochemist, University of California at San Diego, June 1994-May 1995

Research and Teaching Fields

Time scales and processes involved in the formation and evolution of the Solar System and planets. The Wadhwa research group is known for developing novel methodologies for high precision isotope analyses and application of high resolution chronometers for understanding 1) time scales of accretion and differentiation of the terrestrial planets; 2) sources and distributions of extinct radionuclides (such as ^{26}Al and ^{60}Fe) in the solar nebula; 3) processes in the solar protoplanetary disk and on planetesimals; 4) formation and evolution of crust-mantle reservoirs on Earth, Moon and Mars; and 5) the abundance and origin of water and other volatiles on rocky bodies in the Solar System.

Honors and Awards

Shoemaker Lecturer, American Geophysical Union Fall Meeting, 2016
<http://planets.agu.org/lectures.php>

Fulbright-Nehru Academic and Professional Excellence Award, 2015-2016
<http://www.usief.org.in/Fellowships/US-Fulbright-Nehru-Academic-Professional-Excellence-Fellowships.aspx>

Visiting Scientist, Lunar and Planetary Institute, 2013
<http://www.lpi.usra.edu/lpi/positions.shtml>

Fellow, Explorers Club, 2012
<http://www.explorers.org/index.php/about/join/fellows>

Fellow, Wings WorldQuest, 2007
<http://www.wingsworldquest.org/fellows/>

Fellow, Meteoritical Society, 2006
http://meteoriticalsociety.org/?page_id=65

Guggenheim Fellowship, 2005-2006
<http://www.gf.org/about-the-foundation/the-fellowship/>

Wings WorldQuest Women of Discovery Award (Air and Space), 2003
<http://www.wingsworldquest.org/fellows/>

Nier Prize of the Meteoritical Society, 2000
http://meteoriticalsociety.org/?page_id=17

Asteroid 8356 named (8356) *Wadhwa* by International Astronomical Union, 1999
http://www.minorplanetcenter.net/db_search/show_object?utf8=%E2%9C%93&object_id=8356

Antarctica Service Medal, 1993, 2013
<http://www.usap.gov/travelAndDeployment/contentHandler.cfm?id=510>

McDonnell Center Graduate Fellowship, 1990-1992
https://mcss.wustl.edu/opportunities/graduate_fellowship

University Fellowship, Washington University, 1989-1990
Graduate fellowship in recognition of academic excellence awarded at Washington University

University Grants Commission Fellowship, Panjab University, 1988-1989
In recognition of ranking first in B.S. in Geology at Panjab University

Professional Societies

American Geophysical Union

Geochemical Society
Meteoritical Society
Sigma Xi
The Explorers Club

Federal Grants

Co-I, NASA Science Education CAN (PI: L. Elkins-Tanton), \$10,183,479 (1/21/2016-1/20/2021)
PI, NASA Solar System Workings Program, \$433,800 (1/1/17-12/31/19)
Co-I, NASA Nexus for Exoplanet System Science (PI: S. Desch), \$6,097,436 (12/31/2014-12/30/2019)
PI, NASA Emerging Worlds Program, \$1,111,000 (7/1/15-6/30/19)
PI, NASA Earth and Space Science Fellowship (D. Dunlap), \$30,000 (9/1/17-8/31/18)
PI, NASA Earth and Space Science Fellowship (E. Dunham), \$60,000 (9/1/16-8/31/18)
PI, NASA Lunar Advanced Science & Exploration Research Program, \$122,659 (9/3/14-9/4/17)
PI, NASA Earth and Space Science Fellowship (P. Mane), \$90,000 (9/1/13-8/31/16)
PI, NASA Cosmochemistry Program, \$1,060,651 (6/23/11-6/22/16)
PI, NASA Origins of Solar Systems Program, \$318,140 (6/22/11-6/21/15)
Co-I, NASA Lunar Advanced Science & Exploration Research Program (PI: A. Bouvier), \$18,511 (5/5/12-9/2/14)
PI, NASA Earth and Space Science Fellowship (C. Williams), \$60,000 (9/1/12-8/31/14)
Co-I, NASA Education and Outreach in Earth & Space Science (PI: A. Anbar), \$302,377 (4/6/11-4/5/14)
Co-I, NASA Astrobiology Institute (PI: A. Anbar), \$7,008,810 (1/15/09-1/14/14)
PI, NASA JPL subcontract, \$16,954 (6/27/13-9/29/13)
Co-PI, NSF Major Research Instrumentation (PI: P. Williams), \$3,267,586 (1/1/10-12/31/2012)
PI, NASA Earth and Space Science Fellowship, \$30,000 (L. Spivak-Birndorf) (9/1/11-8/31/12)
PI, NASA Earth and Space Science Fellowship, \$89,570 (M. Sanborn) (9/1/09-8/31/12)
Co-I, NASA Mars Fundamental Research Program (PI: D. Bell), \$315,497 (4/24/08-4/23/12)
PI, NASA Cosmochemistry Program, \$1,245,000 (4/1/08-3/31/12)
PI, NASA Earth and Space Science Fellowship, \$30,000 (G. Brennecke) (9/1/10-8/31/11)
PI, NASA Origins of Solar Systems Program, \$211,677 (1/8/07-5/7/10)
PI, NASA Discovery Program (Genesis mission) subcontract through JSC, \$342,000 (8/1/05-9/30/09)
PI, NASA Cosmochemistry Program, \$426,000 (5/1/05-3/31/08)
Co-PI, NSF Major Research Instrumentation Program (PI: R. Williams), \$494,295 (9/1/03-8/31/06)
PI, NASA Cosmochemistry Program, \$345,000 (5/1/02-4/30/05)
PI, NSF EAR Geochemistry and Petrology Program, \$130,356 (1/1/98-6/30/03)
PI, NASA Cosmochemistry Program, \$225,000 (4/1/99-3/31/02)
PI, NSF Major Research Instrumentation Program, \$255,000 (9/15/98-9/14/01)
PI, NASA Cosmochemistry Program (major equipment grant), \$255,000 (4/15/98-10/14/99)
Co-PI, NSF Major Research Instrumentation Program (PI: M. Humayun), \$410,000 (9/1/97-8/31/99)
PI, NASA Cosmochemistry Program, \$80,000 (4/1/97-3/31/99)

Professional Leadership and Service

Vice-President, Meteoritical Society, 2017-present
Member, AGU Robert Cowen Award for Sustained Achievement in Science Journalism selection committee, 2017-present
Member, The National Academies of Sciences, Engineering, and Medicine, Space Studies Board Executive Committee, 2016-2017
Member, The National Academies of Sciences, Engineering, and Medicine, Intelligence Science and Technology Experts Group (ISTEG), 2015-present

Member, NASA Advisory Council's Planetary Protection Subcommittee, 2015-2016
Member, The National Academies of Sciences, Engineering, and Medicine, Space Studies Board, 2012-present
Member, Elements Magazine Advisory Board, 2009-present
Member, AGU David Perlman Award for Excellence in Science Journalism selection committee, 2015-2016
Member, Review panels for NASA Science Mission Directorate Research and Analysis programs, 2015-2016
Member, Ad hoc panel of experts (Planetary Protection) convened by The National Academies NRC, 2014-2015
Member, The National Academies NRC Committee on the Assessment of NASA Science Mission Directorate 2014 Science Plan, 2013
Chair, Audit Committee of the Meteoritical Society, 2012-2013
Co-Convener, Lunar Highlands Workshop, 2012
Member, Audit Committee of the Meteoritical Society, 2011-2013 (Chair, 2013)
Theme Chair (Cosmochemistry, Planet Formation), Goldschmidt Conference, 2011
Member, Organizing Committee, Workshop on Formation of the First Solids in the Solar System, 2011
Invited Nominator, MacArthur Foundation Fellows Program, 2011, 2005
Invited External Member, Faculty Search Committee, ETH Zurich, 2010-2011
Invited External Member, Faculty Search Committee, Center for Star and Planet Formation, University of Copenhagen, 2010
Chair, NASA Curation and Analysis Planning Team for Extraterrestrial Materials, 2009-2012
Member, Planetary Science Subcommittee of the NASA Advisory Council, 2009-2012
Chair, Planetary Conditions for Life sub-panel, NASA Exobiology Review Panel, 2009
Chair, McKay Award Committee of the Meteoritical Society, 2009
Member, National Academies NRC Committee on Planetary Protection Requirements for Mars Sample Return Missions, 2008-2009
Member, National Academies NRC Committee on Review of Planetary Protection Requirements for Mars Sample-Return Missions, 2008-2009
Member, NASA Cosmochemistry Review Panel, 2008
Member, NASA Discovery and Scout Mission Capabilities Expansion Review Panel, 2008
Member, Science Steering Committee, 5th Astrobiology Science Conference, 2007-2008
Member, NASA Origins of Solar Systems Review Panel, 2007
Co-Chair, Planetary Conditions for Life sub-panel, NASA Exobiology Review Panel, 2007
Member, Program Committee, 70th Annual Meteoritical Society Meeting, 2007
Member, Nominations Committee of the Meteoritical Society, 2007
Member, National Academies NRC Committee on Astrobiology Strategy for the Exploration of Mars, 2006-2008
Member, Meteoritical Society Pellas-Ryder Committee, 2006-2008 (Chair, 2008)
Member, Organizing Committee, Early Planetary Differentiation Workshop, 2006
Member, National Academies NRC Committee on Origins and Evolution of Life, 2005-2008
Member, NASA Cosmochemistry Program Management Operations Working Group, 2005-2008
Member, NASA Solar System Exploration Strategic Roadmap Committee, 2005
Member, Program Committee, 68th Annual Meteoritical Society Meeting, 2005
Member, Solar System Exploration Subcommittee of NASA's Space Sciences Advisory Committee, 2004-2005
Member, Editorial Committee, *Meteorites & the Early Solar System II* (U. Arizona Press), 2004-2005
Member, NASA Mars-Moon Science Linkages (MMSL) Science Steering Group, 2004

Member, Organizing Committee, Oxygen in the Terrestrial Planets Workshop, 2004
Member, Universities Space Research Association (USRA) Lunar and Planetary Institute Science Council, 2002-2008
Member, NASA Curation and Planning Team for Extraterrestrial Materials (CAPTEM), 2002-2005
Panel Chief, NASA Cosmochemistry Review Panel, 2002-2003
Member, Meteoritical Society Council, 2001-2004
Member, Organizing Committee, Workshop on Mercury: Space Environment, Surface, and Interior, 2001
Co-Chair, Organizing Committee, 63rd Annual Meteoritical Society Meeting, 2000
Panel Chief, NASA Planetary Instrument Definition and Development Program (PIDDP) Surface Instrumentation Review Panel, 1999
Member, NASA Cosmochemistry Management Operations Working Group/Ad Hoc Advisory Group, 1998-2001
Member, Program Committee, Lunar and Planetary Science Conference, 1998-1999
Member, NASA Cosmochemistry Review Panel, 1997-1999 (Group Chief, Experimental and Analytical Geochemistry Group, 1999)
Member, NASA Laboratory Instrumentation for the Analysis of Returned Samples (LIFARS) Program Definition Group, 1997-1998
Member, Meteorite Nomenclature Committee, 1996-2000 (Chair, 1998)
Member, NASA-NSF-Smithsonian Meteorite Working Group, 1996-1999
Member, NASA Planetary Instrument Definition and Development Program (PIDDP) Surface Instrumentation Review Panel, 1996

University Service

Promotion and Tenure Committee, School of Earth and Space Exploration (SESE), Arizona State University (ASU), 2016-present
Senators Council, College of Liberal Arts and Sciences, ASU, 2014-present
Regent's Professors selection committee, ASU, 2015-present
Origins Project Internal Advisory Committee, ASU, 2013-present
Faculty Women's Association Board, ASU, 2012-present
Search Committee for Small Satellites faculty member, SESE, ASU, 2016-2017
Exploration Postdoctoral Fellowship evaluation committee, SESE, ASU, 2015
Search Committee for Electron Microprobe Lab Manager, Center for Solid State Science, ASU, 2015
Search Committee for Planetary Science faculty member, SESE, ASU, 2014-2015
Search Committee for Provost, ASU, 2013
Co-Chair, International Student Experience Strategic Plan Committee, ASU, 2013
Undergraduate and Graduate Curriculum Committee, SESE, ASU, 2008-2009
Promotions and Tenure Committee, SESE, ASU, 2007-2011
Search Committee for the Dean of the Sandra Day O'Connor School of Law, ASU, 2007-2008
Graduate Qualification Requirements (Ad Hoc) Committee, SESE, ASU, 2007-2008
Interdisciplinary Science and Technology Building-4 Planning (Ad Hoc) Committee, SESE, ASU, 2007-2008
Graduate Recruitment Committee, SESE, ASU, 2007

Courses Taught

SES591/494 Sample Return Missions, Spring 2018
GLG598/490 Analytical Instruments, ASU, Spring 2017, 2011, Fall 2008
GLG598/485 & CHM598/485 Cosmochemistry and Meteorites, ASU, Fall 2016, Spring 2014, 2012, 2010, Fall 2007
GLG581/494 & CHM598/494 Isotope Geochemistry, ASU, Spring 2015

GLG598/494 Trace Element Geochemistry, ASU, Fall 2014
GeoSci220 Magmatism in the Early Solar System, University of Chicago, Spring Quarter, scheduled alternate years, 1998-2006
PhySci110 Environmental History of Earth, University of Chicago, Winter Quarter, 2001

Academic Mentoring

Graduate Students:

Gabriel Franco (ASU, doctoral student, 2017-present)
Soumya Ray (ASU, doctoral student, 2016-present)
Zachary Torrano (ASU, doctoral student, 2015-present)
Emilie Dunham (ASU, doctoral student, 2014-present)
Daniel Dunlap (ASU, doctoral student, 2013-present)
Prajakta Mane (ASU, PhD 2016, currently postdoctoral researcher, University of Arizona)
Kera Tucker (ASU, MS 2015; currently employed at Mesa Laboratories Inc.)
Curtis Williams (ASU, PhD 2014; currently postdoctoral researcher, University of California at Davis)
Matthew Sanborn (ASU, PhD 2012; currently postdoctoral researcher, University of California at Davis)
Lev Spivak-Birndorf (ASU, PhD 2012; currently Founder and Research Scientist at PSI Labs)
Greg Brennecka (ASU, PhD 2011; currently Research Scientist, Institut für Planetologie, Westfälische Wilhelms-Universität Münster)

Graduate Student Committees:

Chadlin Ostrander (ASU, doctoral student)
Huawei Chen (ASU, doctoral student)
Feifei Zhang (ASU, doctoral student)
Cameron Mercer (ASU, doctoral student)
Jinping Hu (ASU, PhD 2016)
Karen Rieck (ASU, PhD 2015)
Stephen Romaniello (ASU, PhD 2012)
Melissa Morris (ASU, PhD 2009)
Nicolas Ouellette (ASU, PhD 2008)
Karen Rieck (ASU, MS 2008)
Liping Qin (U. Chicago, PhD 2007)
David Cook (U. Chicago, PhD 2007)
Agnes Markowski (ETH, Zurich, PhD 2006)

Undergraduate Students:

Karen Leung (ASU, 2016)
Elizabeth Dybal (ASU, 2014-2016)
Ya-Jui Ku (National Taiwan University, 2014)
Jasmine Parker (ASU, 2012-2013)
Tyler Farina (ASU, 2012)
Brian De Hoog (ASU, 2009-2012)
Melissa Anderson (ASU, 2009)
Michael Stuart (ASU, 2009)
Ashley Dancer (ASU, 2008-2009)
Jesse Hannah (ASU, 2008-2009)
Ashley Stanfil (ASU, 2008)

Susheel Koushik (ASU, 2007-2008)
Melanie Channon (ASU, 2007)
Elizabeth Meith (ASU 2007)
Matthew Sanborn (ASU, 2007)
Lev Spivak-Birndorf (U. Chicago, 2003-2005)
Nicolas Beecher (U. Chicago, 2002)
Josef Dufek (U. Chicago, 2001)
Noel Heim (U. Chicago, 1999-2000)
Shelley Erickson (FM Intern, 1998-1999)
Emily Lakdawalla (FM Intern, 1998)

Postdoctoral Researchers:

Alice Stephant (2015-2017; currently Postdoctoral Research Associate, Open University)
Julia Cartwright (2014-2017; currently Assistant Professor, University of Alabama)
Gregory Brenneka (2011-2013; currently Research Scientist, Institut für Planetologie, Westfälische Wilhelms-Universität Münster)
Melissa Morris (2010-2011, co-advised with S. Desch; currently Associate Professor, State University of New York, Cortland)
Audrey Bouvier (2007-2010; currently Assistant Professor, Western University, Ontario)
Fang Zhen Teng (2006-2007; currently Associate Professor, University of Washington)
Nicolas Dauphas (2002-2004, co-advised with A. M. Davis; currently Professor, University of Chicago)
Nicole Foley (2002-2004)

Other Supervisees:

Jemma Davidson (Assistant Research Scientist, Center for Meteorite Studies, ASU, 2018-present)
Vinai Rai (Laboratory Manager, Center for Meteorite Studies, ASU, 2016-present)
Devin Schrader (Assistant Director, Center for Meteorite Studies, ASU, 2015-present)
Rebecca Davis (Program Coordinator, Center for Meteorite Studies, ASU, 2015-present)
Stephen Romaniello (Research Scientist, Center for Meteorite Studies, ASU, 2014-present)
Kate Sounders (Laboratory Manager, Center for Meteorite Studies, ASU, 2014-2015)
Stephen Romaniello (Laboratory Manager, Center for Meteorite Studies, ASU, 2012-2014)
Melissa Morris (Assistant Director, Center for Meteorite Studies, ASU, 2012-2014)
Rebekah Hines (Research Professional, Center for Meteorite Studies, ASU, 2011-present)
Laurence Garvie (Collections Manager, Center for Meteorite Studies, ASU, 2008-present)
Philip Janney (Associate Research Scientist, Center for Meteorite Studies, ASU, 2006-2012)
Amy Jurewicz (Research Faculty Associate, Center for Meteorite Studies, ASU, 2006-present)
Susan Nowak (Business Manager, Center for Meteorite Studies, ASU, 2006-2015)
Rebekah Hines (Research Specialist, Center for Meteorite Studies, ASU, 2006-2011)
Michelle Minitti (Assistant Director, Center for Meteorite Studies, ASU, 2006-2011)
Philip Janney (Laboratory Manager, Field Museum, 2000-2006)
Rebekah Hines (Collections/Laboratory Assistant, Field Museum, 2003-2006)
Clarita Nunez (Collections Manager, Field Museum, 1995-2006)

Student Awards

Wiley Award for oral presentation at Meteoritical Society Meeting, Daniel Dunlap (ASU), 2017
NASA Earth and Space Science Fellowship, Daniel Dunlap (ASU), 2017
NASA Earth and Space Science Fellowship, Emilie Dunham (ASU), 2016, 2017
NASA Earth and Space Science Fellowship, Prajka Mane (ASU), 2013, 2014

NASA Earth and Space Science Fellowship, Curtis Williams (ASU), 2012, 2013
NASA Earth and Space Science Fellowship, Lev Spivak-Birndorf (ASU), 2011
NASA Earth and Space Science Fellowship, Greg Brennecka (ASU), 2010
Nininger Meteorite Award, Greg Brennecka (ASU), 2010
NASA Earth and Space Science Fellowship, Matthew Sanborn (ASU), 2009, 2010, 2011
Brian Mason Award of the Meteoritical Society, Greg Brennecka (ASU), 2009

Invited Lectures

Shoemaker Lecture, American Geophysical Union Fall Meeting, December 2016
PLANEX Division, Physical Research Laboratory, Ahmedabad, India, April 2016
Geological Survey of India, Kolkata, India, April 2016
Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur, India, April 2016
Department of Earth Sciences, Indian Institute of Technology, Kanpur, India, March 2016
Department of Geology, University of Delhi, Delhi, India, March 2016
Department of Physics, Panjab University, Chandigarh, India, February 2016
Department of Geology, Panjab University, Chandigarh, India, February 2016
Prof. Sukheswala Memorial – TERRA Lecture, St. Xavier's College, Mumbai, India, February 2016
Indian Institute of Technology Bombay, Mumbai, India, February 2016
Indian Institute of Science Education and Research, Pune, India, February 2016
Physical Research Laboratory, Ahmedabad, India, January 2016
25th Anniversary Invited Lecture, Planetary Chemistry Theme, Annual Goldschmidt Conference, Prague, July 2015
Shoemaker Lecture, Beyond Center, Arizona State University, November 2014
Lamont Doherty Earth Observatory, Columbia University, October 2014
Department of Earth and Planetary Science, American Museum of Natural History, October 2014
Annual Goldschmidt Conference, Sacramento, June 2014
Department of Earth and Atmospheric Sciences, MIT, May 2013
Department of Geophysical Sciences, University of Chicago, April 2013
Department of Geological Sciences, University of Tennessee, February 2013
Department of Earth Science, Rice University, October 2012
Workshop on the Mantle of Mars, Houston, TX, September 2012
Nuclei in the Cosmos Conference, Cairns, Australia, August 2012
Workshop on Formation of the First Solar System Solids, Kauai, Hawaii, November 2011
International Primitive Body Exploration Working Group Workshop, Jet Propulsion Laboratory, Pasadena, CA, August 2011
Department of Earth and Space Sciences, University of California at Los Angeles, March 2011
Department of Geology and Planetary Science, University of Pittsburgh, April 2010
Annual Lunar Exploration and Analysis Group Meeting, Houston, TX, November 2009
School of Earth and Space Exploration, Arizona State University, October 2009
American Geophysical Union Fall Meeting, San Francisco, CA, December 2007
Workshop on Chronology of Meteorites and the Early Solar System, Kauai, Hawaii, November 2007
Gordon Research Conference on Origins of Solar Systems, Mt. Holyoke College, July 2007
Zinner Impact Symposium, Washington University, February 2007
Department of Earth and Planetary Sciences, University of New Mexico, December 2006
Department of Earth Sciences, ETH, Zurich, November 2006
Division of Geological Sciences, California Institute of Technology, April 2006
Department of Earth and Space Sciences, UCLA, April 2006
Department of Earth and Planetary Sciences, Washington University, March 2006

Department of Earth and Atmospheric Sciences, MIT, February 2006
Protostars and Planets V Conference, October 2005
15th Annual Goldschmidt Conference, May 2005
Woods Hole Oceanographic Institution Geodynamics Seminar, WHOI, April 2005
Max Planck Institut für Chemie, Mainz, Germany, April 2005
Department of Geophysical Sciences, University of Chicago, February 2005
Department of Earth and Environmental Sciences, University of Illinois at Chicago, February 2005
Department of Biological Sciences, Loyola University, September 2004
Oxygen in the Terrestrial Planets Workshop, July 2004
Harvard-Smithsonian Astrophysics of Planetary Systems Conference, Harvard University, May 2004
Iota Sigma Pi (National Honor Society of Women in Chemistry), Chicago Chapter, May 2004
Division of Geological and Planetary Sciences, California Institute of Technology, October 2003
Gordon Research Conference on Origins of Solar Systems, July 2003
Advanced Photon Source Colloquium, Argonne National Laboratory, May 2003
Robert M. Walker Symposium, Washington University, February 2003
Department of Geological Sciences, University of Illinois at Urbana-Champaign, September 2002
American Geophysical Union Spring Meeting, May 2002
Department of Geology, Northern Illinois University, March 2002
American Geophysical Union Fall Meeting, December 2001
Department of Mineral Sciences, American Museum of Natural History, November 2001
Department of Geological Sciences, Rutgers University, November 2001
Department of Earth and Atmospheric Sciences, MIT, October 2001
Department of Geological Sciences, Indiana University, Bloomington, October 2001
Department of Geology, Southern Illinois University, Carbondale, September 2001
Department of Astronomy, Cornell University, May 2001
Earth Science Club of Northern Illinois, September 2000
Max Planck Institut für Chemie, Mainz, Germany, February 2000
Department of Geophysical Sciences, University of Chicago, January 2000
Department of Chemistry, University of California at San Diego, December 1999
State Microscopical Society of Illinois, Chicago, October 1999
Department of Planetary Sciences, University of Arizona, Tucson, May 1999
Department of Geophysical Sciences, University of Chicago, December 1998
Department of Terrestrial Magnetism, Carnegie Inst. of Washington, Washington DC, June 1998
Sigma Xi Chapter at University of Illinois at Chicago, March 1998
Department of Geological Sciences, University of Michigan, Ann Arbor, July 1997
State Microscopical Society of Illinois, Chicago, July 1997
Department of Astronomy, Northwestern University, Evanston, May 1997
Department of Chemistry, University of California at San Diego, December 1996
Department of Geology, Calvin College, Grand Rapids, October 1996
Department of Geophysical Sciences, University of Chicago, October 1996
Department of Geological Sciences, University of Illinois, Chicago, September 1996
Department of Geology, Northwestern University, Evanston, March 1996

Media and Public Engagement

Delivered numerous public talks; featured in various news media (television, radio and print) outlets, including documentaries on the Discovery Channel, History Channel, PBS, and Science Channel; and involved in the development of public outreach programs and exhibits. Highlights include the following:

Interview on NPR *Science Friday*, November, 2017; <https://www.sciencefriday.com/segments/a-space-rock-makes-an-interstellar-visit/>

TEDxASU: Innovation Worth Sharing, 2017; <https://www.youtube.com/watch?v=iukJJ2u0vlo>

Arizona State University KEDTalks: Conversations for the Curious, 2016; <https://www.youtube.com/watch?v=i-JmdMYOEII&t=43s>

Featured in documentary “Meteorites – Visitors from Another Planet” by Petra Haffter, 2015

Interview on Australian Broadcasting Corporation’s “The Science Show”, May 2014; <http://www.abc.net.au/radionational/programs/scienceshow/meteorites-bring-the-history-of-the-solar-system-to-earth-and-m/5427388>

Authored popular science articles in *Astronomy Magazine*, June and October issues, 2013, and February issue, 2014

Authored online article for *Slate*’s Future Tense project, September 2013; http://www.slate.com/articles/technology/future_tense/2013/09/the_best_meteorites_are_found_in_antarctica.html

Interview on NPR *Science Friday*, March, 2013; <https://www.sciencefriday.com/segments/studying-rocks-found-on-earth-for-clues-about-space/>

Featured in PBS Channel’s NOVA ScienceNOW show “Where did we come from?”, 2011

Featured in History Channel’s “United States of America”, 2012

Oversight of the design and content for “Meteorite Gallery” exhibit in Interdisciplinary Science Technology Building 4 on ASU’s Tempe campus, 2011-2012

Featured in Science Channel’s “Meteorite Men”, aired 2009-2012

Featured in Discovery Channel documentary “Inside Planet Earth”, aired 2009

Featured in History Channel documentary “How the Earth was Made: Asteroids”, aired 2009

Oversight of the development, production and distribution of loanable classroom modules on “Origin of Meteorites” for K-12 and informal educators, 2008-present

Profiled in “She Digs Rocks” for 2nd graders, Publisher Pearson Education, 2007

Profiled in “Faces of Exploration” by Joanna Vestey, Wigwam Press, London, 2006

Featured in announcement of 2005 Guggenheim Fellows in *New York Times*, April 12, 2005

Featured in (and contributed content to) article in *Discover* magazine, March 2004; <http://discovermagazine.com/2004/mar/meteoriticist-in-her-own-words>

Guest on “Seeking Solutions with Suzanne”; aired on CNN Headline News, Oct 6, 2003

Profiled in “Women of Discovery” by Milbry Polk and Mary Tiegreen, Clarkson Potter Publishers, New York, 2001

Content Specialist for temporary exhibit of a Moon rock to commemorate 30th Anniversary of first Moon landing, The Field Museum, 1999

Consulted and participated in “Women in Science” on-line Field Museum exhibit, 1998-1999

Content Specialist for “Grainger Gallery of Meteorites” exhibit, The Field Museum, 1998

PUBLICATIONS

(*Students or postdoctoral researchers supervised by M. Wadhwa)

Total Citations (Google Scholar, 11/27/17): 6905

h-index (Google Scholar, 11/27/17): 46

i10-index (Google Scholar, 11/27/17): 90

Peer-reviewed Journal Articles

1993:

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