

Andrew M. Davis

Curriculum Vitae

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Education: Grinnell College, Grinnell, Iowa
B. A. in Chemistry, May, 1971
Yale University, New Haven, Connecticut,
M. Phil. in Geochemistry, May, 1973
Ph. D. in Geochemistry, May, 1977

Positions held:

1976–1978 Research Associate, Department of the Geophysical Sciences, University of Chicago
1978–1989 Analytical Chemist, James Franck Institute, University of Chicago
1985–present Research Associate, Field Museum of Natural History
1989–1996 Senior Research Associate, Enrico Fermi Institute, University of Chicago
1997–2006 Senior Scientist, Enrico Fermi Institute, University of Chicago
1998–2006 Senior Scientist, Department of the Geophysical Sciences, University of Chicago
2004–present Director, Chicago Center for Cosmochemistry
2006–present Professor, Department of the Geophysical Sciences, Enrico Fermi Institute, and the College, University of Chicago
2015–present Chair, Department of the Geophysical Sciences, University of Chicago

Professional service:

1986–1990 Meteorite Working Group, NASA-NSF
1991–present Proposal review panels, NASA
1995–1996 Program Committee, Lunar and Planetary Science Conference
1996–2002 Lunar and Planetary Institute Science Council
1997–2000 Council, Meteoritical Society
2000 Co-organizer, 63rd Annual Meeting of the Meteoritical Society, held in Chicago in 2000
2001–2002 Search Committee for Director of the Lunar and Planetary Institute
2003–2011 Cosmochemistry Management Operations Working Group, NASA (Chair 2007–2010)
2003–2006 Nominating Committee, Meteoritical Society
2003–2006 Publications Committee, Meteoritical Society
2004–2013 Chair, Genesis Sample Allocation Subcommittee, Curation and Analysis Planning Team for Extraterrestrial Materials, NASA

- 2005–present International Advisory Board or Program Committee, international meetings and workshops
- 2005–2013 Member, Curation and Analysis Planning Team for Extraterrestrial Materials, NASA
- 2005–present Stardust Sample Oversight Committee, Curation and Analysis Planning Team for Extraterrestrial Materials, NASA
- 2009 Search Committee for Assistant Curator of Meteorites, Field Museum, Chicago
- 2009–2012 Audit Committee, Meteoritical Society (chair, 2011–2012)
- 2012 Johnson Space Center Curation Review Committee, NASA
- 2013–present Joint Publications Committee of the Meteoritical and Geochemical Societies

Honors:

- 1992 Fellow, Meteoritical Society
- 2002 Presented Nobel Lecture in Physics in Stockholm, on behalf of Raymond Davis, Jr.
- 2005 Rupert Wildt Lecturer, Yale University
- 2007 Asteroid 1981 ET8 renamed “6947 Andrewdavis”
- 2008 Mineral “davisite” (CaScAlSiO₆) approved by International Mineralogical Association (Ma C. & Rossman G. R., 2009, Davisite, CaScAlSiO₆, a new pyroxene from the Allende meteorite, *Amer. Mineral.* 94, 845–848)
- 2013 NASA Group Achievement Award (for work as part of Stardust Interstellar Preliminary Examination Team)

Professional memberships: American Association for the Advancement of Science; American Geophysical Union; Geochemical Society; Meteoritical Society

Postdocs: Nicolas Dauphas (now Professor at University of Chicago); Jonathan Levine (now Assistant Professor at Colgate University); Kim Knight (now staff member at Lawrence Livermore National Laboratory); Philipp Heck (now Associate Curator of Meteorites at the Field Museum and Associate Professor (part-time) at University of Chicago); Ashley King (now postdoc at the Natural History Museum, London); Christoph Burkhardt (coadvised by Nicolas Dauphas; now at University of Münster, Germany), Manavi Jadhav (now Visiting Assistant Professor at University of Louisiana)

Graduate students: Junjun Zhang (PhD 2012, Hong Kong); Nan Liu (PhD 2014, now postdoc at Carnegie Institution, Department of Terrestrial Magnetism); current grad students Reto Trappitsch, Levke Kööp, Kristen Villalon, Christopher Kelly

Undergraduate researchers: Rita Parai (now postdoc at Carnegie Institution, Department of Terrestrial Magnetism; 2016 Assistant Professor, Washington University in St. Louis); Myriam Telus (now postdoc Carnegie Institution, Department of Terrestrial Magnetism)

Publications: 4 edited books; 196 refereed publications; 5 papers submitted or in press; 6 ghost-written refereed papers; 452 meeting abstracts