

VITA

Dimitri Mihalas

Laboratory Fellow (retired)
Applied Physics Division
Los Alamos National Laboratory
Los Alamos, NM 87545

Personal

Born March 20, 1939; Los Angeles, California.

Degrees

B.A. 1959 University of California, Los Angeles
M.S. 1960 California Institute of Technology
Ph.D. 1963 California Institute of Technology

Professional Associations

U. S. National Academy of Sciences
International Astronomical Union
 Commission 12 (Radiation and Structure of the Solar Atmosphere)
 Commission 36 (Stellar Atmospheres)
American Astronomical Society
Los Alamos National Laboratory Fellow

Honors and Awards

1985 NCAR Outstanding Publication Award
1984 Alexander von Humboldt Stiftung Senior U.S. Scientist Award
1981 Elected to U.S. National Academy of Sciences
1979 NCAR Outstanding Publication Award
1975 Philips Lecturer, Haverford College
1974 Helen B. Warner Prize of the American Astronomical Society
9/69 - 9/71 Alfred P. Sloan Foundation Fellow
6/63 - 9/63 N.S.F. Summer Fellowship
9/62 - 6/63 van Maanen Fellowship, California Institute of Technology
9/59 - 6/62 N.S.F. Predoctoral Fellowship
6/1959 B. A. with Highest Honors, U.C.L.A.
6/1959 Phi Beta Kappa
6/1959 Pi Mu Epsilon, Mathematics Honorary Society
6/1959 Sigma Pi Sigma, Physics Honorary Society

Previous Positions

George C. McVittie Professor of Astronomy, Department of Astronomy, University of Illinois,
9/85 - 3/99

Consultant, X-Division, Los Alamos National Laboratory, 6/81 - 8/98

Senior Scientist, High Altitude Observatory, National Center for Atmospheric Research,
9/82 - 8/85

Astronomer, Sacramento Peak Observatory, 11/79 - 6/82

Senior Scientist, High Altitude Observatory, National Center for Atmospheric Research,
9/71 - 10/79

Professor, Department of Astronomy and Astrophysics, University of Chicago, 2/70 - 8/71

Associate Professor, Department of Astronomy and Astrophysics, University of Chicago,
9/68 - 1/70

Assistant Professor, Department of Physics and Astrophysics, University of Colorado,
9/67 - 8/68

Assistant Professor, Department of Astrophysical Sciences, Princeton University, 9/64 - 8/67

Eugene Higgins Visiting Fellow, Princeton University, 9/63 - 8/64

Acting Instructor, Summer Session, U.C.L.A., Summer 1960

Member, Technical Staff, Space Technology Laboratories, Summer 1959

Adjoint (Secondary) Positions

Visiting Scientist, National Solar Observatory, Tucson, on sabbatical leave from University
of Illinois, 1/93 - 6/93

Affiliate Scientist, National Center for Atmospheric Research, 2/88 - 8/98

Visiting Fellow, Joint Institute for Laboratory Astrophysics, University of Colorado,
9/86 - 6/87

Faculty Affiliate, National Center for Supercomputer Applications, University of Illinois,
9/85 - 8/98

Alexander von Humboldt Foundation Awardee, Max Planck Institut für Astrophysik,
Munich, 2/84 - 4/84

Professor Adjoint, Department of Astrophysical, Planetary, and Atmospheric Sciences,
University of Colorado, 10/82 - 8/85

Senior Visiting Fellow, Department of Physics and Astronomy, University College London,
on sabbatical leave from NCAR, 3/78 - 8/78

Visiting Professor, Department of Astrophysics, Oxford University, on sabbatical leave from
NCAR, 9/77 - 2/78

Professor Adjoint, Department of Physics and Astrophysics, and Department of Astrogeophysics,
University of Colorado, 9/72 - 10/79

Member, Joint Institute for Laboratory Astrophysics, University of Colorado, 9/67 - 8/68

Editorial Positions

Member, Publications Board, American Astronomical Society, 1995 - 1999

Associate Editor, *Journal of Quantitative Spectroscopy and Radiative Transfer*, 1984 - 1994

Editorial Board, *Solar Physics*, 1981 - 1988

Associate Editor, *Journal of Computational Physics*, 1981 - 1987

Associate Editor, *Astrophysical Journal*, 1970 - 1979

Other Professional Activities

Councilor, American Astronomical Society, 2000 - 2003

Member, Crafoord Prize in Astronomy Nominating Committee,
Royal Swedish Academy of Sciences, 1996 - 1997

Member, Henry Norris Russell Lecture Nominating Committee,
American Astronomical Society, 1994 - 1996

Member, Nominating Committee, American Astronomical Society, 1982 - 1984

Member, George Ellery Hale Prize Nominating Committee, Solar Physics Division,
American Astronomical Society, 1981 - 1982

President, Commission 36, International Astronomical Union, 1976 - 1979

Member, Board of Directors, Astronomical Society of the Pacific, 1975 - 1977

Vice President, Commission 36, International Astronomical Union, 1973 - 1976

Advisory Work

Member, Los Alamos National Laboratory Fellows Selection Committee, 2003

X-Division Training and Mentoring Coordinator, Los Alamos National Laboratory, 2002 - 2003

Member, Applied Theoretical and Computational Physics Review Committee,
Los Alamos National Laboratory, 1997 - 1998

Member, U. S. Scientific and Technical Working Group for LEST, 1988 - 1993

Member, Theoretical Division Advisory Committee, Los Alamos National Laboratory,
1987 - 1989

Member, Applied Theoretical and Computational Physics Advisory Committee,
Los Alamos National Laboratory, 1985 - 1986

Member, Advocacy Panel for the study *Physics of the Sun*, prepared for the Committee on
Solar and Space Physics of the Space Sciences Board of the National Academy of
Sciences, 1980 - 1984

Member, National Science Foundation Astronomy Advisory Panel, 1972 - 1975

Member, Kitt Peak National Observatory User's Committee, 1971 - 1972

Organizing Committees

Member, Scientific Organizing Committee for Workshop on *Stellar Atmosphere Modeling*, Tübingen, Germany, 2002

Member, Scientific Organizing Committee for *The MK Process at 50 Years*, Tucson, 1993

Member, Organizing Committee for NATO Advanced Research Workshop on *Stellar Atmospheres: Beyond Classical Models*, Trieste, 1990

Chairman, Scientific Organizing Committee for IAU Colloquium No. 89, *Radiation Hydrodynamics in Stars and Compact Objects*, Copenhagen, 1985

Member, Organizing Committee for NATO Advanced Research Workshop on *Astrophysical Radiation Hydrodynamics*, Max Planck Institut für Astrophysik, Garching, 1982

Member, Organizing Committee for IAU Symposium No. 102, *Solar and Stellar Magnetic Fields: Origins and Coronal Effects*, Zurich, 1982

Member, Organizing Committee, Commission 36, International Astronomical Union, 1979 - 1988