



Smithsonian Institution Archives

Subject Files, circa 1966-1994

Finding aid prepared by Smithsonian Institution Archives

Smithsonian Institution Archives
Washington, D.C.
Contact us at osiaref@si.edu

Table of Contents

Collection Overview	1
Administrative Information	1
Descriptive Entry.....	1
Names and Subjects	1
Container Listing	3

Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Subject Files
Identifier:	Accession 98-100
Date:	circa 1966-1994
Extent:	51.5 cu. ft. (51 record storage boxes) (1 document box)
Creator::	Smithsonian Astrophysical Observatory. Office of the Director
Language:	English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Accession 98-100, Smithsonian Astrophysical Observatory, Office of the Director, Subject Files

Access Restriction

Access limitations to personnel records; Transferring office; Contact reference staff for details.

Descriptive Entry

This accession consists of records that document the administration of Irwin I. Shapiro, Smithsonian Astrophysical Observatory (SAO) Director, and consist mostly of correspondence, memoranda, notes, publications, reports, project files, travel files, budget materials, directories, program files, recommendations, personnel files, grant proposals, and meeting minutes.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Astronomy
- Astrophysical observatories
- Astrophysics
- Research
- Research institutes

Types of Materials:

Books
Brochures
Manuscripts

Names:

Harvard-Smithsonian Center for Astrophysics
Multiple Mirror Telescope
National Science Foundation (U.S.)
Shapiro, Irwin I.
Smithsonian Astrophysical Observatory. Infrared Optical Telescope Array
Smithsonian Astrophysical Observatory. Submillimeter Telescope Array
United States. National Aeronautics and Space Administration

Container Listing

Box 1

Box 1 of 52	Abbot Award, 1990
Box 1 of 52	Agassiz Bequest, 1990-1991
Box 1 of 52	Agassiz Station, 1990-1991
Box 1 of 52	American Academy of Arts and Sciences, 1990-1991
Box 1 of 52	American Astronomical Society, 1990-1991
Box 1 of 52	American Astronomical Society - Division of Planetary Studies, 1990-1991
Box 1 of 52	American Astronomical Society - Division of Dynamical Astronomy, 1990-1991
Box 1 of 52	American Astronomical Society - Publications, 1990-1991
Box 1 of 52	American Geophysical Union, 1990-1991
Box 1 of 52	American Geophysical Union - Awards, 1990-1991
Box 1 of 52	American Institute of Physics, 1990-1991
Box 1 of 52	American Physical Society, 1990-1991
Box 1 of 52	Antananrivo Observatory, 1988
Box 1 of 52	Arecibo, 1990-1991
Box 1 of 52	Astronomers and the Arms Race, 1990
Box 1 of 52	Astronomical Society of the Pacific, 1990-1991
Box 1 of 52	Astrophysical Journal/Letters, 1988-1990
Box 1 of 52	Atomic and Molecular Physics Division - General Correspondence, 1981-1990
Box 1 of 52	Automatic Photoelectric Telescope, 1987-1991

Box 1 of 52 Brazil-Center for Astrophysics (CfA) Telescope Proposal, 1990-1991

Box 1 of 52 Buildings - 160 Concord Avenue, 1990-1991

Box 1 of 52 Buildings - 1815 Massachusetts Avenue, 1989-1991

Box 1 of 52 Buildings - General, 1986-1991

Box 1 of 52 Buildings - New Construction, 1986-1991

Box 1 of 52 Buildings - Space Needs, 1990-1991

Box 2

Box 2 of 52 Business Cards, 1989-1991

Box 2 of 52 Carnegie Institute of Washington, 1990-1991

Box 2 of 52 Center for Astrophysics - Long Range Planning, 1990-1991

Box 2 of 52 Central Engineering, 1986-1991

Box 2 of 52 Computation Facility, 1990-1991

Box 2 of 52 Computation Facility - Batman, 1990-1991

Box 2 of 52 Computation Facility - Director Search, 1991

Box 2 of 52 Computation Facility - User Evaluation Subcommittee, 1977

Box 2 of 52 Computation Facility - VAX, 1983-1990

Box 2 of 52 Contracts and Procurement, 1990-1991

Box 2 of 52 Contracts and Procurement - Mail Room, 1990-1991

Box 2 of 52 Controller's Office, 198-1991

Box 2 of 52 D, Individuals - Dunham, T. Jr., 1986-1988

Box 2 of 52 Decaspec, 1987-1989

Box 2 of 52 Editing and Publications Department, 1983-1991

Box 2 of 52 Fellowships - CfA Postdoctoral, 1989-1991

Box 2 of 52 Fellowships - CfA Predoctoral, 1990-1991

Box 2 of 52 Fellowships - Hubble, 1989-1991

Box 2 of 52 Fellowships - Hubble Fellows, 1989-1991

Box 3

Box 3 of 52 Geopotential Research Mission Science Steering Group, 1983

Box 3 of 52 Global Change Research Program, 1990-1991

Box 3 of 52 Graduate Students - Support, 1986-1991

Box 3 of 52 Grant Supplements for Education, 1991

Box 3 of 52 Gravitation Physics and Astronomy (Ad Hoc Committee on), 1990-1992

Box 3 of 52 Great Refractor, 1990-1991

Box 3 of 52 Haystack Observatory, 1989-1991

Box 3 of 52 High Energy Astrophysics Division, 1990-1991

Box 3 of 52 High Energy Astrophysics Division - Management Reports, 1990-1991

Box 3 of 52 Hubble Space Telescope, 1989-1991

Box 3 of 52 Infrared Optical Telescope Array (IOTA), 1990-1991

Box 3 of 52 Infrared Optical Telescope Array (IOTA) - Bi-Weekly Meeting Minutes,
1990-1992

Box 3 of 52 Institute for Science Education, 1989-1991

Box 4

Box 4 of 52 Institute for Theoretical Atomic and Molecular Physics, 1989-1991

- Box 4 of 52 International Astrophysical Union, 1989
- Box 4 of 52 International Astrophysical Union - Circulars, 1991-1993
- Box 4 of 52 Jet Propulsion Lab, 1989-1991
- Box 4 of 52 Jet Propulsion Lab - JURAP Meeting Minutes, 1990-1991
- Box 4 of 52 Jet Propulsion Lab - Points Instruments for TOPS 1991 Progress Report, 1991
- Box 4 of 52 Journal Reviews, 1989-1991
- Box 4 of 52 Keck Foundation, 1990-1991
- Box 4 of 52 Laser Interferometer Gravitational-Wave Observatory, 1991
- Box 4 of 52 Library (CfA), 1989-1991
- Box 4 of 52 Library (CfA) - Head Librarian Search, 1990-1992
- Box 5
- Box 5 of 52 Lunar Laser Ranging, 1989-1991
- Box 5 of 52 Major Scientific Instrumentation (MSI), 1991
- Box 5 of 52 Massachusetts Department of Education, 1991
- Box 5 of 52 Massachusetts Department of Education - NSF (National Science Foundation) Proposal 1, 1991
- Box 5 of 52 Massachusetts Department of Education - NSF Proposal 2, 1991
- Box 5 of 52 Massachusetts Institute of Technology, 1986-1991
- Box 5 of 52 Massachusetts Institute of Technology - Earth and Planetary Studies, 1981-1991
- Box 5 of 52 Massachusetts Institute of Technology - Faculty Applicants-Colloquium, 1977
- Box 5 of 52 Massachusetts Institute of Technology - Space Grant Program, 1991

- Box 5 of 52 Massachusetts Institute of Technology - Space Program Recommendations, 1972
- Box 5 of 52 Mid-Infrared Array Camera (MIRAC), 1988-1991
- Box 5 of 52 Mount Graham, 1989-1991
- Box 5 of 52 Mount Graham - Newspaper Articles, 1990-1991
- Box 5 of 52 Mount Graham - Protest Letters, 1990-1991
- Box 5 of 52 Mount Wilson, 1990-1991
- Box 5 of 52 Multiple Mirror Telescope (MMT) - Budget and Funding-Conversion, 1990-1991
- Box 5 of 52 Multiple Mirror Telescope (MMT) - Budget and Funding-Observatory, 1990-1991
- Box 5 of 52 Multiple Mirror Telescope (MMT) - Conversion, 1988-1991
- Box 5 of 52 Multiple Mirror Telescope (MMT) - Dedication, 1977-1979
- Box 5 of 52 Multiple Mirror Telescope (MMT) - Directorship, 1978-1987

Box 6

- Box 6 of 52 Multiple Mirror Telescope (MMT) - Gehrels Affair, 1990-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Instrumentation, 1990-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Instrumentation-Mirrors, 1988-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Letter of Intent, 1988
- Box 6 of 52 Multiple Mirror Telescope (MMT) - MOU-Correspondence, 1979-1981
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Observatory, 1988-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Observatory Council, 1990-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Press Releases, 1987-1991

- Box 6 of 52 Multiple Mirror Telescope (MMT) - Projects Committee, 1990-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Reports-Annual, 1988-1990
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Reports-Bimonthly, 1987-1991
- Box 6 of 52 Multiple Mirror Telescope (MMT) - Reports-Quarterly, 1990
- Box 6 of 52 National Academy of Sciences, 1989-1991
- Box 6 of 52 National Aeronautics and Space Administration (NASA), 1981-1991
- Box 6 of 52 National Aeronautics and Space Administration (NASA) - A. C. Minutes and Agendas, 1991

Box 7

- Box 7 of 52 National Aeronautics and Space Administration (NASA) - Astrophysics Subcommittee, 1989-1991
- Box 7 of 52 National Aeronautics and Space Administration (NASA) - 4th Annual Conference on Tethers in Space, April 1995
- Box 7 of 52 National Aeronautics and Space Administration (NASA) - AXAF, 1990-1991
- Box 7 of 52 National Aeronautics and Space Administration (NASA) - Innovative Research Program, 1985-1989
- Box 7 of 52 National Radio Astronomy Observatory, 1990-1991
- Box 7 of 52 National Radio Astronomy Observatory - Newsletters, 1990-1991
- Box 7 of 52 National Research Council, 1990-1991
- Box 7 of 52 National Science Foundation, 1986-1992
- Box 7 of 52 National Science Foundation - Proposal Reviews, 1990-1991
- Box 7 of 52 Northeast Radio Observatory Corporation (NEROC), 1985-1991
- Box 7 of 52 Oak Ridge Observatory, 1991
- Box 7 of 52 Optical and Infrared Division, 1989-1991

Box 7 of 52 Physical Review, 1989-1991

Box 7 of 52 Planetary Sciences Division, 1990-1991

Box 7 of 52 Queries, 1990-1991

Box 8

Box 8 of 52 Radio and Geoastronomy Division, 1989-1991

Box 8 of 52 Radio and Geoastronomy Division - Status Summary Reports, 1990-1991

Box 8 of 52 Scholarly Studies, 1989-1991

Box 8 of 52 Shapiro, Irwin - Travel, 1993-1994

Box 8 of 52 Science Education Department, 1986-1991

Box 8 of 52 Science Education Department- Aries, 1990-1991

Box 9

Box 9 of 52 Science Education Department - Articles and Papers, 1991

Box 9 of 52 Science Education Department - Assist, 1988

Box 9 of 52 Science Education Department - Choices, 1991

Box 9 of 52 Science Education Department - COSTAR, 1988

Box 9 of 52 Science Education Department - Esteem, 1989-1991

Box 9 of 52 Science Education Department - Insight, 1989-1991

Box 9 of 52 Science Education Department - Lockhead, Jack, 1989-1991

Box 9 of 52 Science Education Department - Microobservatory, 1990-1991

Box 9 of 52 Science Education Department - Misconceptions Video Project, 1990-1991

Box 9 of 52 Science Education Department - National Science Foundation-Audit,
1990-1991

Box 9 of 52 Science Education Department - National Science Foundation-Meetings, 1990-1991

Box 9 of 52 Science Education Department - National Science Foundation-Proposals, 1991

Box 9 of 52 Science Education Department - Science Media Group, 1990-1991

Box 9 of 52 Science Education Department - Simile, 1991

Box 10

Box 10 of 52 Science Education Department - SPICA, 1989-1991

Box 10 of 52 Science Education Department - STAR, 1986-1991

Box 10 of 52 Smithsonian Institution - Activities Report, 1991

Box 10 of 52 Smithsonian Institution - Congressional Correspondence, 1991

Box 10 of 52 Smithsonian Institution - Council, 1988-1991

Box 10 of 52 Smithsonian Institution - Council of Bureau Directors, 1985-1991

Box 10 of 52 Smithsonian Institution - Educational Activities, 1991

Box 10 of 52 Smithsonian Institution - Educational Outreach, 1991

Box 10 of 52 Smithsonian Institution - Institutional Studies, 1989-1991

Box 10 of 52 Smithsonian Institution - Libraries, 1991

Box 10 of 52 Smithsonian Institution - Management Committee, 1991

Box 10 of 52 Smithsonian Institution - Management Council, 1990-1991

Box 11

Box 11 of 52 Smithsonian Institution - Museums-National Air and Space (NASM), 1989-1991

Box 11 of 52 Smithsonian Institution - Museums-National Museum of American History, 1989-1990

- Box 11 of 52 Smithsonian Institution - Museums-National Museum of the American Indian, 1989-1991
- Box 11 of 52 Smithsonian Institution - Museums-National Zoological Park, 1986-1989
- Box 11 of 52 Smithsonian Institution - National Academy of Public Administration (NAPA), 1991-1992
- Box 11 of 52 Smithsonian Institution - National Associates Program, 1991-1992
- Box 11 of 52 Smithsonian Institution - Office of Accounting and Financial Services, 1991
- Box 11 of 52 Smithsonian Institution - Office of Audits and Financial Services, 1991
- Box 11 of 52 Smithsonian Institution - Office of Design and Construction, 1983-1991
- Box 11 of 52 Smithsonian Institution - Office of Development, 1990-1991
- Box 11 of 52 Smithsonian Institution - Office of Environmental Management and Safety, 1985-1991
- Box 11 of 52 Smithsonian Institution - Office of Equal Opportunity and Minority Affairs, 1990-1991
- Box 11 of 52 Smithsonian Institution - Office of Fellowships and Grants, 1990-1991
- Box 11 of 52 Smithsonian Institution - Office of Finance and Administration, 1991
- Box 11 of 52 Smithsonian Institution - Office of Financial Management and Planning, 1989-1990
- Box 11 of 52 Smithsonian Institution - Office of General Counsel, 1990-1991
- Box 11 of 52 Smithsonian Institution - Office of Information Resource Management, 1990-1991
- Box 11 of 52 Smithsonian Institution - Office of Interdisciplinary Studies, 1991
- Box 11 of 52 Smithsonian Institution - Office of International Relations, 1988-1991
- Box 11 of 52 Smithsonian Institution - Office of Management Analysis, 1975-1991
- Box 11 of 52 Smithsonian Institution - Office of Museums (Assistant Secretary for), 1991-1992

Box 11 of 52 Smithsonian Institution - Office of Planning and Budget, 1986-1991

Box 11 of 52 Smithsonian Institution - Office of Public Affairs, 1989-1991

Box 11 of 52 Smithsonian Institution - Office of Research (Assistant Secretary for),
1989-1991

Box 11 of 52 Smithsonian Institution - Office of Secretary, 1986-1992

Box 11 of 52 Smithsonian Institution - Office of the Under Secretary, 1990-1991

Box 11 of 52 Smithsonian Institution - Office of Treasurer, 1988-1992

Box 11 of 52 Smithsonian Institution - Organizational Review, 1991

Box 12

Box 12 of 52 Smithsonian Institution - Program Report, 1990

Box 12 of 52 Smithsonian Institution - Regents-Board, 1988-1991

Box 12 of 52 Smithsonian Institution - Regents-Fellowship Program, 1988-1991

Box 12 of 52 Smithsonian Institution - Regents-Meeting Minutes, 1989-1991

Box 12 of 52 Smithsonian Institution - Regents-Newsletter, 1990-1991

Box 12 of 52 Smithsonian Institution - Research Opportunity Funds, 1986-1991

Box 12 of 52 Smithsonian Institution - Research Policy Committee, 1990-1991

Box 12 of 52 Smithsonian Institution - Research Support Survey, 1990-1991

Box 12 of 52 Smithsonian Institution - Resident Associates Program, 1990

Box 12 of 52 Smithsonian Institution - Smithson Society, 1982-1991

Box 12 of 52 Smithsonian Institution - Special Exhibition Fund, 1989-1991

Box 12 of 52 Smithsonian Institution - Third World Fellowships, 1990-1991

Box 12 of 52 Smithsonian Institution - Women's Committee, 1990-1991

- Box 12 of 52 Smithsonian Institution - World, Smithsonian, 1990-1991
- Box 12 of 52 Smithsonian Institution - Year, Smithsonian, 1990-1991
- Box 12 of 52 SOHO/UVCS, 1990-1991
- Box 12 of 52 Solar and Stellar Physics Division, 1990-1991
- Box 12 of 52 Space Science Working Group, 1989-1991
- Box 12 of 52 Submillimeter Array Telescope, 1989-1991
- Box 12 of 52 Submillimeter Array Telescope - Budgets, Expenses, Etc., 1989-1991
- Box 12 of 52 Submillimeter Array Telescope - Design, 1989-1991
- Box 12 of 52 Submillimeter Array Telescope - Instrumentation-Antenna, 1990-1991
- Box 12 of 52 Submillimeter Array Telescope - Science and Technology Advisory Group (STAG), 1990-1991
- Box 12 of 52 Submillimeter Array Telescope - Site Selection-Mauna Kea, 1990-1991
- Box 12 of 52 Submillimeter Array Telescope - Staffing, 1990-1991

Box 13

- Box 13 of 52 Submillimeter Array Telescope - Steering Committee, 1990-1991
- Box 13 of 52 Submillimeter Array Telescope - Taiwan, 1991
- Box 13 of 52 Summer Science Intern Program, 1990-1991
- Box 13 of 52 Center for Astrophysics - Centennial-Sesquicentennial, 1990-1991
- Box 13 of 52 Travel Department, 1990-1991
- Box 13 of 52 U.S. Naval Observatory, 1990-1991
- Box 13 of 52 University of Arizona, 1987-1991
- Box 13 of 52 University of Arizona - Steward Observatory, 1988-1991

Box 13 of 52	Very Long Baseline Interferometry (VLBI), 1985-1991
Box 13 of 52	Very Long Baseline Interferometry (VLBI) - Meetings, 1987-1991
Box 13 of 52	Very Long Baseline Interferometry (VLBI) - Network Consortium, 1990-1991
Box 13 of 52	Very Long Baseline Interferometry (VLBI) - Proposals, 1990-1991
Box 13 of 52	Visiting Scientists (CfA), 1990-1991
Box 13 of 52	Whipple Observatory, 1989-1991
Box 13 of 52	Whipple Observatory - Budgets, Funding, Etc., 1989-1991
Box 13 of 52	Whipple Observatory - Office of Environmental Management and Safety, 1990-1991
Box 13 of 52	Whipple Observatory - Personnel, 1990-1991
Box 13 of 52	Wolbach Imaging Processing Lab (WIPL), 1987-1991
Box 13 of 52	Chandra Astrophysics Institute
Box 13 of 52	Cash Awards, 1983-1989
Box 13 of 52	Central Engineering, 1987-1989
Box 13 of 52	CfA Organization, 1983
Box 13 of 52	Computer Committee
Box 13 of 52	Computer Wars
Box 13 of 52	Contract Format
Box 13 of 52	International Astronomical Union (IAU), 1983
Box 13 of 52	NASA, 1983
Box 13 of 52	NASM
Box 13 of 52	Linda Richardson

Box 14

- Box 14 of 52 Viking: Anderson, Cain, Christiansen and Kaufman Memos
- Box 14 of 52 Viking: Data Information
- Box 14 of 52 Viking: DSN Station Locations
- Box 14 of 52 Viking: Finran Memos and Printout
- Box 14 of 52 Viking: IIS Memos to JPL (Jet Propulsion Laboratory)
- Box 14 of 52 Viking: Internal Notes and Memos Regarding Ranging
- Box 14 of 52 Abstracts
- Box 14 of 52 Buffington Memos
- Box 14 of 52 CfA Almanac
- Box 14 of 52 Department of Defense Funding, 1982
- Box 14 of 52 JPL: Hydrogen Master Test Plan
- Box 14 of 52 Miscellaneous Memos, 1978-1979
- Box 14 of 52 Pioneer Venus - Special Publication
- Box 14 of 52 Proposal and Grant Endorsements, 1982-1984 (2 folders)
- Box 14 of 52 Supernovae Workshop, 1984
- Box 14 of 52 Solar Neutrinos Program, 1984
- Box 14 of 52 Texas Symposium (11th) - Rational Alternatives
- Box 14 of 52 University Enters for Rational Alternatives
- Box 14 of 52 URSI (International Union of Radio Science) - Commission, 1984
- Box 14 of 52 Vega Group

Box 14 of 52 Workshop on Imaging Interferometry in Space, 1985

Box 15

Box 15 of 52 MMT, 1989

Box 15 of 52 MMT, 1988

Box 15 of 52 MMT Observatory Council, 1985-1988

Box 15 of 52 NSF Triad Review/Education Development Center (EDC), 1990

Box 15 of 52 NSF Triad Review/EDC, 1987-1991

Box 15 of 52 National Science Resources Center Advisory Board, 1987-1990

Box 15 of 52 CfA Background and Agreement (Harvard College Observatory (HCO) - SAO Advisory Committee), 1972

Box 15 of 52 CfA Report - Simons, Michaelson, Leahy, 1981

Box 15 of 52 CfA Proposal - Comments on CfA Name, 1972-1980

Box 15 of 52 1979-1980 Director of Physics and Astronomy Staff Members

Box 15 of 52 1986-1987 United States Government Manual

Box 16

Box 16 of 52 1985 Smithsonian National Museum of Natural History (NMNH) Directory

Box 16 of 52 NSF TEP (Teacher Enhancement Program) Participants and Private Investigators, 1987-1989

Box 16 of 52 Geodynamics Branch Research Report, 1983

Box 16 of 52 Proposal to NASA - Creation of AUS Gateway for SIMBAD Access P1925-6-88

Box 16 of 52 June 1988

Box 16 of 52 Forum 1986: The Science Curriculum

Box 16 of 52 STAR Draft Teaching Materials, Fall 1987

Box 16 of 52 FY 1983 AD Planning - Memos, information and statistics

Box 16 of 52 Other Correspondence in 1982 re: AA

Box 16 of 52 FY 1982 Final Plan

Box 16 of 52 1982 Stats - sent to JGG and PA

Box 16 of 52 FY 1982 Term Analysis

Box 16 of 52 Norma Clarke, 1981

Box 16 of 52 Smithsonian Institution Women's Committee (SIWC) Star and CSWA Status

Box 16 of 52 Women's Program Committee (WPC), 1990

Box 16 of 52 WPC Articles, 1990

Box 16 of 52 Guidelines for Federal WPC, 1974

Box 16 of 52 WPC Miscellaneous, 1990

Box 16 of 52 WPC Parental Leave, 1990

Box 16 of 52 Weinberg, S., 1990

Box 16 of 52 Welther, B., 1987

Box 16 of 52 Whipple, Fred, 1990 (3 folders)

Box 16 of 52 Whitney, C., 1990 (2 folders)

Box 16 of 52 Wood, J.

Box 17

Box 17 of 52 Zombeck, Martin, 1990

Box 17 of 52 SAO Budgets, FY 1990

Box 18

Box 18 of 52	Assorted Travel Brochures, Maps, Information
Box 18 of 52	1988 COSPAR Member, Organization Committee
Box 18 of 52	Secretary Position, August 1988
Box 18 of 52	Food
Box 18 of 52	Hotels
Box 18 of 52	1986-1987 Center Staff List
Box 18 of 52	1985-1986 Center Staff List
Box 18 of 52	Appointments for Visiting Scientists
Box 18 of 52	1990-1991 Requisitions for Supplies/Services (2 folders)
Box 18 of 52	B. Gregory - Education or Search Fund Information
Box 18 of 52	1992 FY File
Box 18 of 52	Occupancy Reports
Box 18 of 52	Office Temporary Services
Box 18 of 52	PAP Information
Box 18 of 52	Personnel Action Requests
Box 18 of 52	D.O. Redo
Box 18 of 52	FY 1991-1992 D.O./BATMAN (2 folders)
Box 18 of 52	Telephone Accounting
Box 18 of 52	FY 1993 D.O./BATMAN
Box 18 of 52	A, Individuals, prior to 1989
Box 18 of 52	Alexander, David, 1986

Box 18 of 52 Allison, Graham, 1988

Box 18 of 52 Angulo, Carlos, 1983-1986

Box 18 of 52 Abbot Award, 1984-1985

Box 18 of 52 Agassiz Bequest, 1989

Box 18 of 52 Agassiz Bequest, prior to 1989

Box 18 of 52 Agassiz Station, 1989

Box 18 of 52 Agassiz Station, prior to 1989

Box 18 of 52 Alliance for Construction of Telescope (ACT), prior to 1990

Box 19

Box 19 of 52 American Academy of Arts and Sciences, 1989

Box 19 of 52 American Association for the Advancement of Science, 1988-1989

Box 19 of 52 American Association of Universities for Research in Astronomy (AURA), 1971-1989

Box 19 of 52 American Astronomical Society, 1989

Box 19 of 52 American Astronomical Society - Brouer Award, 1987-1989

Box 19 of 52 American Astronomical Society - Division of Dynamical Astronomy, 1981-1989

Box 19 of 52 American Astronomical Society - History of Astronomy, 1987-1989

Box 19 of 52 American Astronomical Society - Publications-Newsletter, 1988-1989

Box 19 of 52 American Astronomical Society - Publications-Status, 1988

Box 19 of 52 American Astronomical Society - Tinsley Prize Committee, 1985-1988

Box 19 of 52 American Institute of Physics, 1983-1989

Box 19 of 52 American Physical Society, prior to 1990

Box 19 of 52 Archives - Smithsonian, 1975-1989

Pre/Post Docs

Box 19 of 52 Aguilar, Luis

Box 19 of 52 Arnaud, Keith

Box 19 of 52 Baring, Matthew

Box 19 of 52 Biretta, John

Box 19 of 52 Braga, Joao

Box 19 of 52 Carral, Davilla P.

Box 19 of 52 Hillier, John D.

Box 19 of 52 Kubacek, Dalibor

Box 19 of 52 Kwok, Ping-wai

Box 19 of 52 Mavas, Pablo

Box 19 of 52 Navarro, Julio

Box 19 of 52 Regos, Eniko

Box 19 of 52 Post-doc Material, 1984-1988 (4 folders)

Box 20

Box 20 of 52 Post-doc Applications, 1980-1983

Box 20 of 52 Applied Physics Laboratory (APL), November

Box 20 of 52 VLBI: Geodetic AGU (American Geophysical Union) Meeting Papers, 1983

Box 20 of 52 VLBI: Geodetic Australian Baselines

Box 20 of 52 VLBI: Geodesy Reprints - NGS (National Geodetic Survey)

- Box 20 of 52 VLBI: GPS System Grand Test, 1983-1984
- Box 20 of 52 VLBI: Interagency Coordination Radio Waves
- Box 20 of 52 Adaptive Optics Papers
- Box 20 of 52 VLBI Material from JPL
- Box 20 of 52 JPL Lunar Laser Ranging
- Box 20 of 52 Gravitational Lensing Papers
- Box 20 of 52 NSF Physics (PHY 840 671): Tests of Theories of Gravitation (A-C),
1984-1989 (3 folders)
- Box 20 of 52 Search for Planetary Systems
- Box 20 of 52 VLBI Intercomparisons Experiments, 1985
- Box 20 of 52 Forced Nutations of the Earth (A-C) (3 folders)

- Box 21

- Box 21 of 52 Forced Nutations of the Earth (D)
- Box 21 of 52 Rebuttal to Aries (VLBI), 1980-1981
- Box 21 of 52 William Drew Proposal
- Box 21 of 52 Water Vapor Radiometry Papers, 1981
- Box 21 of 52 Lageos Papers, 1981
- Box 21 of 52 1981 Goddard Meeting, January 26-29
- Box 21 of 52 1981 Crustal Dynamic Meeting, September 1-3 (and aftermath)
- Box 21 of 52 VLBI - Gravitational Lens (A-B), 1981-1988 (2 folders)
- Box 21 of 52 GPB (Gravity Probe B): Gyroscope Experiment Review: MIT, May 27-28,
1982
- Box 21 of 52 1982 MIT/Haystack/NASA Miscellaneous

- Box 21 of 52 Radio Invisibility of QSO's (Quasi-Stellar Objects) Near M82
- Box 21 of 52 Error Source/Correction Papers: VLBI and SLR Baselines, 1982
- Box 21 of 52 Laser Range Observation Papers
- Box 21 of 52 VLBI: Water Vapor Radiometer, 1982-1983
- Box 21 of 52 VLBI: Instrumentation, 1982-1987
- Box 21 of 52 VLBI: Papers, 1983
- Box 21 of 52 VLBI: Merit Campaign
- Box 21 of 52 VLBI: Orbiting Antennas
- Box 21 of 52 VLBI: History - Radio Science USSR, 1983
- Box 21 of 52 VLBI: Laser Intercomparisons
- Box 21 of 52 Gravitation and Cosmics Ray Panel (A-B), December 9-10, 1983 Meeting (2 folders)

Box 22

- Box 22 of 52 Gravitation and Cosmics Ray Panel (C), December 9-10, 1983 Meeting
- CfA Individuals
- Box 22 of 52 Mandalian, Ruth
- Box 22 of 52 Marcus, Phil
- Box 22 of 52 Maxwell, Alan, 1970-1991 (3 folders)
- Box 22 of 52 Menzel, Florence
- Box 22 of 52 Narasimhan, S.
- Box 22 of 52 Neufeld, David
- Box 22 of 52 Paczynski, B.

Box 22 of 52	Payne-Gaposchkin, C.
Box 22 of 52	Penfield, Hays
Box 22 of 52	Pfeiffer, Douglas
Box 22 of 52	Pisiella, George
Box 22 of 52	Plympton, Margaret
Box 22 of 52	Pratt, H. Irving
Box 22 of 52	Rodman, Richard
Box 22 of 52	Schmitt, Jurgen
Box 22 of 52	Shao, Michael, 1983-1985 (2 folders)
Box 22 of 52	Thompson, LuAnne
Box 22 of 52	Tsinganos, Kanaris
Box 22 of 52	Vaiana, Giuseppe, 1973-1974 and undated (2 folders)

Box 23

Box 23 of 52	Van Dishoek, Ewine
Box 23 of 52	Vernazza, J.
Box 23 of 52	Weiser, Heinz
Box 23 of 52	Yound, Albert
Box 23 of 52	Zapata, Carlos
Box 23 of 52	Zdziarski, Andrzej
Box 23 of 52	Allen, John
Box 23 of 52	Arnold, Dave

Box 23 of 52	Avni, Yoran
Box 23 of 52	Band, David
Box 23 of 52	Bertschinger, Edmund
Box 23 of 52	Bisaga, Phil
Box 23 of 52	Black, John Harry
Box 23 of 52	Buch, Victoria
Box 23 of 52	Caldwell, Nelson
Box 23 of 52	Chaisson, Eric
Box 23 of 52	Chandra Selchar, S.
Box 23 of 52	Chansky, Maria
Box 23 of 52	Clarke, John
Box 23 of 52	Colavita, Mark
Box 23 of 52	Croswell, Ken
Box 23 of 52	Djorgovski, George
Box 23 of 52	Dunham, T.
Box 23 of 52	Elby, Andrew
Box 23 of 52	Escalentes, Vladimir
Box 23 of 52	Feigelson, Eric
Box 23 of 52	(Tresh-) Feinberg, Rick
Box 23 of 52	Flamery, Brian
Box 23 of 52	Gioia, Isabella
Box 23 of 52	Gottlieb, Carl

Box 23 of 52	Greenberg, Rick
Box 23 of 52	Greenhill, Lincoln J.
Box 23 of 52	Gwinn, Carl R.
Box 23 of 52	James, Jessie. Includes McChristian and Ellis Memo, NSF Letters, Resignation History, C. Cobb & Ringo Smith Memo, Jeb Stuard James Memo.
Box 23 of 52	Kahn, Steven
Box 23 of 52	Kalata, Kimeth
Box 23 of 52	Karlin, Estelle
Box 23 of 52	Kaufmann, Robert E.
Box 23 of 52	Keto, Eric
Box 23 of 52	Krolick, Julian
Box 23 of 52	Krook, Max
Box 23 of 52	Lacey, Cedrick G.
Box 23 of 52	Lammensdorf, Joyce
Box 23 of 52	Leahy, R.
Box 23 of 52	Levreault, Russ
Box 23 of 52	Loomis, A. Lee
Box 23 of 52	Stamp Proposal, 1988
Box 23 of 52	Publications Office, 1987-1989 (A)
Box 24	
Box 24 of 52	Publications Office, 1987-1989 (B)

Box 24 of 52 Langley-Abbot Solar Research Program

Box 24 of 52 Miscellaneous Grant Proposals, Communications, Reviews (A-B) (2 folders)

Box 24 of 52 SAO Budgets, FY 1989

Box 25

Box 25 of 52 SAO Budgets, FY 1989

Box 25 of 52 SAO Budgets, FY 1987

Box 26

Box 26 of 52 SAO Budgets, FY 1987

Box 26 of 52 American Association for the Advancement of Science (AAAS) - Science Editor Search, 1983-1984 (2 folders)

Box 26 of 52 Science Magazine - Miscellaneous

Box 26 of 52 Science Manuscripts

Box 26 of 52 American Astronomical Society (AAS), June 1984, Baltimore

Box 26 of 52 AAS, January 1984

Box 26 of 52 AAS Miscellaneous - Announcement

Box 26 of 52 AAS Miscellaneous - Administrative Correspondence

Box 26 of 52 AAS Miscellaneous - Boston Park Area

Box 26 of 52 AAS Miscellaneous - Capron A/V Equipment

Box 26 of 52 AAS Miscellaneous - Faneuil Hall, January 11

Box 26 of 52 AAS Miscellaneous - Organizing Committee

Box 26 of 52 AAS Miscellaneous - Private Contributions

Box 26 of 52 AAS Miscellaneous - Registration

- Box 26 of 52 AAS Miscellaneous - Win-Deco (Poster Boards)
- Box 26 of 52 AAS Miscellaneous - Proposed 1980 Meeting of the AAS in Cambridge, Massachusetts
- Box 26 of 52 AAS Miscellaneous
- Box 26 of 52 AAS Miscellaneous - Newsletter
- Box 26 of 52 Divisions of Dynamical Astronomy
- Box 26 of 52 Division of Planetary Sciences
- Box 26 of 52 Division of Planetary Sciences - Star Probe Documents

Box 27

- Project STAR, December 1987-January 1988
- Box 27 of 52 Annual Report, 1987
- Box 27 of 52 January 1986-December 1987 (7 folders)
- Box 27 of 52 Shapiro Travel, 1983-1990

Box 28

- Box 28 of 52 Shapiro Travel, 1983-1990

Box 29

- Congressional Hearings
- Box 29 of 52 House Hearings, 1984-1990 (7 folders)
- Box 29 of 52 Senate Hearings - Museum of Science, Senate Labor and Human Resources Committees, May 1990
- Box 29 of 52 Senate Hearings - Senator Kennedy, November 1990
- Box 29 of 52 Senate Hearings, 1985-1990 (4 folders)
- Box 29 of 52 SAO Budgets, FY 1988

Box 30

- Box 30 of 52 SAO Budgets, FY 1988
- Box 30 of 52 0957 + 561 A. B. Memos, 1981-
- Box 30 of 52 0957 + 561 A. B. Talks
- Box 30 of 52 3C 84 Variations and other VLBI Material

Box 31

- Box 31 of 52 3 MM 3C 84 Data
- Box 31 of 52 AAS - Division of Dynamical Astronomy
- Box 31 of 52 AAS - Division of Planetary Sciences
- Box 31 of 52 Abstracts - Meetings
- Box 31 of 52 American Physical Society (APS) - Division of Cosmic Physics, 1981-
- Box 31 of 52 ARPA/ACIC Contract: 3 Site Experiments/VLBI 9: Quasar Patrol, 1971
- Box 31 of 52 Astronomy and Planetary Science Seminars
- Box 31 of 52 Atmospheric Angular Momentum and Length of the Day - Langley, et. al., 1981
- Box 31 of 52 General Relativity - Solar Oblateness Experiment
- Box 31 of 52 General Relativity - Reprint
- Box 31 of 52 Goddard VLBI
- Box 31 of 52 Gravitational Lens - Third Image Serenee Paper
- Box 31 of 52 Ground Based Radar Astronomy
- Box 31 of 52 Goddard Space Flight Center (GSFC): Narrow Bank VLBI, 1971
- Box 31 of 52 Long Baseline Interferometry, 1968

Box 31 of 52 NASA Newsletter, 1981-

Box 31 of 52 NASA Quarterly Progress Report

Box 31 of 52 NSF Astronomy Review of IS Proposal

Box 31 of 52 NSF Physics: Reviews of IS Proposal

Box 31 of 52 Numerical Model of the Moon's Rotation - Capallo, et. al., 1981

Box 31 of 52 Observing Proposals, 1981

Box 31 of 52 Planetary Deflection Reports, 1977

Box 31 of 52 Proposals - California Tech

Box 31 of 52 Rotation of the Earth from Lunar Laser Ranging - Langley, et. al., 1981

Box 31 of 52 Simple Satellite System for Geodesy via Radio Interferometry

Box 31 of 52 Tidal Dissipation in the Moon - Capallo, et. al.

Box 31 of 52 Time, Inc. Visit to the CfA, April 27, 1988

Box 31 of 52 Transits of Mercury: 1845 Data

Box 31 of 52 United States Geological Survey (USGS) Quarterly Reports, 1981-

Box 31 of 52 Venus Comparison of Gravity and Topography in the Vicinity of Beta Regio

Box 31 of 52 Venus Gravity: A High Resolution Map - Reasenberg, et. al.

Box 31 of 52 VLB Array, 1982

Box 31 of 52 VLB Array: National Astronomy Radio Observatory (NRAO) Memos, 1982

Box 31 of 52 VLBI Material: ARPA, GSFC, USGS, 1971-1972

Box 31 of 52 Miscellaneous VLBI Material

Box 31 of 52 Mark III VLB Radio Interferometry for Geodesy - Science, February 1982

- Box 31 of 52 VLBI: Nancy Vandenberg - Letters/Memos, 1981
- Box 31 of 52 Whipple Observatory - Master Development Plan, March 1988
- Box 31 of 52 Viking DSN Progress Report, November/December 1977 - Estimates of Precession and Polar Motion, G. E. Pease
- Box 31 of 52 Viking JPL - Mars, 9/16-10/21/1977
- Box 31 of 52 Viking JPL - Memo on Mars Rotation, February 2, 1977
- Box 31 of 52 Viking JPL - Memos on Data Supply, December 3, 1977
- Box 31 of 52 Viking JPL - August 1977-June 1979
- Box 31 of 52 Viking JPL - Memos, General, September 30, 1976-August 1, 1977
- Box 31 of 52 Viking JPL - Memos, Galileo, 1980
- Box 31 of 52 Viking JPL - Memo on Ionosphere, December 31, 1974-February 1978 (RBG)
- Box 31 of 52 Viking JPL - Octal Dump FAS-X Tapes, July 19, 1978
- Box 31 of 52 Viking JPL - S-Band Range Residuals MOO - 1948-1951
- Box 31 of 52 Viking JPL - S-X Band Range and Doppler, 1976-1977
- Box 31 of 52 Viking JPL - S-X Range Memos, 1978-1980
- Box 31 of 52 Viking JPL - VLBI Procedure Memo, 1975-1976
- Box 31 of 52 Viking JPL - S-X Range Residuals, July 28, 1977 Time 161721

Box 32

- Box 32 of 52 Viking JPL - S-X Range and Doppler Residuals, 1976 Version D07
- Box 32 of 52 Viking Mariner 2-9 Ranging Information
- Box 32 of 52 Viking Mariner 9 Normal Point Data
- Box 32 of 52 Viking Mariner 10, 1972

Box 32 of 52 Viking MIT Preliminary Range, Doppler and Normal Point O-C's, 1976, 1979

Box 32 of 52 Viking (VEM) Orbiter Occultation Times, 1977

Box 32 of 52 Viking Rancal 4-11 1979, March 14, 1979

Box 32 of 52 Arecibo, 1983-1989

Box 32 of 52 Associate Directors, 1989

Box 32 of 52 Associate Directors - Meeting Minutes, 1989

Box 32 of 52 Associate Directors - Prior to 1989

Box 32 of 52 Astronomers and the Arms Race, 1986-1989

Box 32 of 52 Astronomical Society of the Pacific, 1984-1989

Box 32 of 52 B, Individuals, 1989

Box 32 of 52 B, Individuals - Bahcall, John, 1989

Box 32 of 52 B, Individuals - Bartusiak, Marcia, 1982-1989

Box 32 of 52 B, Individuals - Bender, Peter, 1977

Box 32 of 52 B, Individuals - Burke, Bernard, 1983-1989

Box 33

Box 33 of 52 Brazil-CfA Telescope Proposal, 1986-1989

Box 33 of 52 Bubbles in the Universe, 1986

Box 33 of 52 Buildings - 160 Concord Avenue, 1985-1989

Box 33 of 52 Buildings - 60 Garden Street, Building B, 1987-1989

Box 33 of 52 Buildings - 60 Garden Street, Building C, 1984-1989

Box 33 of 52 Buildings - 60 Garden Street, Building D, 1986-1989

Box 33 of 52 Buildings - 60 Garden Street, Lease, 1983-1986

Box 33 of 52 Buildings - 60 Garden Street, Perkin Building, 1972-1989

Box 33 of 52 Buildings - 60 Garden Street, Phillips Auditorium, 1987-1988

Box 33 of 52 Buildings - Maintenance Costs, 1986-1989

Box 33 of 52 Buildings - New Construction, 1989

Box 33 of 52 Buildings - Prospects, 1989

Box 33 of 52 Buildings - Rental Prospects, 1984-1986

Box 33 of 52 Buildings - Space, 1984-1990, and prior to 1984 (4 folders)

Box 33 of 52 Buildings - St. Peter's, 1986-1987

Box 33 of 52 Business Cards, 1986-1989

Box 33 of 52 C, Individuals - Corvey, Candace, 1989

Box 33 of 52 C, Individuals - Counselman, Chuck, 1982-1989

Box 33 of 52 C, Individuals - Prior to 1989

Box 33 of 52 Cassidy and Associates, 1987

Box 34

Box 34 of 52 Center for Astrophysics - Centennial/Sesquicentennial, 1985-1989

Box 34 of 52 Center for Astrophysics - Letterhead, 1986-1987

Box 34 of 52 Center for Astrophysics - Parking, 1969-1989

Box 34 of 52 Center for Astrophysics - Proposal Covers, 1987

Box 34 of 52 Center for Astrophysics - Secretarial Support, 1983-1989

Box 34 of 52 Center for Astrophysics - Smoking, 1986-1993

Box 34 of 52 Center for Astrophysics - Telephone Directory, 1987

Box 34 of 52 Cold Fusion, 1989

Box 34 of 52 Colorado, University of, 1986

Box 34 of 52 Committees, 1987-1989

Box 34 of 52 Committees - Concerned Scientists, 1986

Box 34 of 52 Committees - Facilities Maintenance, 1987-1988

Box 34 of 52 Committees - Federal Scientist Appointments, 1986-1989

Box 34 of 52 Committees - Fellowship Selection, 1986-1989

Box 34 of 52 Committees - Future Structure, 1980

Box 34 of 52 Committees - Large Optics Advisory Committee, 1988-1989

Box 34 of 52 Committees - Library, 1987-1988

Box 34 of 52 Committees - Professional Achievement, 1986-1989

Box 34 of 52 Committees - Social and Recreational, 1973-1989

Box 34 of 52 Committees - Technical Oversight, 1986

Box 34 of 52 Committees - Telescope Instrumentation, 1985-1989

Box 34 of 52 Committees - Time Allocation, 1983-1984, 1989

Box 34 of 52 Committees - Women's Program, 1983-1989

Box 35

Box 35 of 52 Committees - Defunct: Computer Committee, 1984-1989 (2 folders)

Box 35 of 52 Committees - Defunct: Landscape, 1986-1989

Box 35 of 52 Computation Facility, 1989

Box 35 of 52 Computation Facility - Batman, 1985-1989 (2 folders)

- Box 35 of 52 Computation Facility - Communications, 1983-1990
- Box 35 of 52 Computation Facility - Computer Cost Centers, 1985-1988
- Box 35 of 52 Computation Facility - Convex Computers, 1985-1988
- Box 35 of 52 Computation Facility - Halon Fire System, 1983-1984
- Box 35 of 52 Computation Facility - Horton Evaluation, 1985-1986
- Box 35 of 52 Computation Facility - IMB 4381, 1984-1988
- Box 35 of 52 Computation Facility - PDP 11/60 Computer, 1983-1985
- Box 35 of 52 Computation Facility, 1983-1989
- Box 35 of 52 Computation Facility - Student Computers, 1989
- Box 35 of 52 Computation Facility - Supercomputer, 1985-1987
- Box 35 of 52 Computation Facility - VAX, 1983-1988
- Box 35 of 52 Congress - Correspondence, 1982-1989 (3 folders)
- Box 35 of 52 Contracts and Procurement, 1988-1989 (2 folders)
- Box 35 of 52 Contracts and Procurement - Mail Room, 1989
- Box 35 of 52 Contracts and Procurement, 1985-1987
- Box 35 of 52 Contracts and Procurement - Proposals, 1983-1988

- Box 36

- Box 36 of 52 Controller's Office, 1980-1985
- Box 36 of 52 Controller's Office - Audits/DCAA Floor Audit, 1988
- Box 36 of 52 Controller's Office - Audits/SAO
- Box 36 of 52 Controller's Office - HCO-SAO Relations, 1980-1989
- Box 36 of 52 Controller's Office - Proposal Preparation Funds, 1985-1989

Box 36 of 52 Copiers, 1982-1989

Box 36 of 52 Cornell University, 1984-1987

Box 36 of 52 Cospar, 1988

Box 36 of 52 Cranks, 1981-1989 (2 folders)

Box 36 of 52 CTIO, 1988

Box 36 of 52 D, Individuals, 1983-1989

Box 36 of 52 Department Managers, 1982-1989

Box 36 of 52 Digital Equipment Corp., 1985-1989

Box 36 of 52 Director's Office - Handbook, 1983-1989

Box 36 of 52 Discover Magazine, 1987

Box 36 of 52 Division Administrators, 1984-1988

Box 36 of 52 Division Administrators - Procedure Changes, 1984

Box 36 of 52 Draper Memorial Symposium, 1984-1986

Box 36 of 52 E, Individuals, 1982-1989

Box 36 of 52 E, Individuals - Eckhardt, Don, 1983-1985

Box 36 of 52 E, Individuals - Elgered, Gunnar, 1983-1989

Box 37

Box 37 of 52 E, Individuals - Ergas, Raymond, 1972

Box 37 of 52 Editing and Publication Department - Observatory Nights, 1972-1989

Box 37 of 52 Editing and Publication Department - Preprints, 1984-1990

Box 37 of 52 Editing and Publication Department - Print Shop, 1987-1989

Box 37 of 52 Editing and Publication Department, 1989

Box 37 of 52 Editing and Publication Department - Weekly Calendar, 1988-1989

Box 37 of 52 Endowments - Seidell, Atherton, 1979-1988

Box 37 of 52 European Space Agency, 1981-1989

Box 37 of 52 EVN Newsletter, 1984-1986

Box 37 of 52 Exite, 1983-1988

Box 37 of 52 Explorer/Scout Experiment, 1987-1989

Box 37 of 52 F, Individuals - Fisk, Lennard, 1987-1989

Box 37 of 52 F, Individuals - Forni, Toni, 1977-1985

Box 37 of 52 F, Individuals - Frankston, Michael, 1973-1979

Box 37 of 52 F, Individuals - Friedman, Lou, 1970-

Box 37 of 52 F, Individuals, 1983-1989

Box 37 of 52 FACOM-HITAC, 1986

Box 37 of 52 Fairborn Observatory, 1985-1989

Box 37 of 52 Fellowships - Avni, 1988-1989

Box 37 of 52 Fellowships - CfA Postdoc, Kumar, Pawan, 1987-1988

Box 37 of 52 Fellowships - CfA Postdoc, Penotti, Fabio, 1988

Box 37 of 52 Fellowships - CfA Postdoc, Walker, Terrance, 1988

Box 37 of 52 Fellowships - CfA Postdoc, Westpfahl, David, 1986

Box 37 of 52 Fellowships - CfA Postdoc, General, 1986, 1989

Box 37 of 52 Fellowships - CfA Postdoctoral Announcements, 1986-1990

Box 37 of 52 Fellowships - Colombo, G., Memorial Fund, 1984-1989

Box 37 of 52 Fellowships - Guggenheim, 1981-1988

Box 37 of 52 Fellowships - Hubble, 1989-1990

Box 37 of 52 Fellowships - Packard, 1988

Box 37 of 52 Fellowships - Predoc, 1986

Box 37 of 52 Fellowships - CfA Postdoc, Wood, Doug, 1988

Box 37 of 52 Five College Radio Astronomy Observatory, 1987-1988

Box 37 of 52 G, Individuals, 1982-1989

Box 38

Box 38 of 52 G, Individuals - Garwin, Richard, 1974

Box 38 of 52 G, Individuals - Gazis, Paul, 1979-1982

Box 38 of 52 G, Individuals - Geldzahler, Barry, 1981-1990

Box 38 of 52 G, Individuals - Giacconi, Riccardo, 1987

Box 38 of 52 G, Individuals - Golden, William, 1985-1989

Box 38 of 52 G, Individuals - Goldstein, Robert, 1976-1979

Box 38 of 52 G, Individuals - Goody, Richard, 1971-1987

Box 38 of 52 G, Individuals - Gorenstein, Marc, 1977-1982

Box 38 of 52 G, Individuals - Gourevitch, Sergei, 1975

Box 38 of 52 G, Individuals - Greenberg, Richard, 1988-1989

Box 38 of 52 G, Individuals - Guerriero, Luciano, 1983-1987

Box 38 of 52 G, Individuals - Guinan, Edward, 1984-1989

Box 38 of 52 G, Individuals - Gwynne, Peter, 1982-1983

Box 38 of 52 Geological Sciences, Advisory Committee on, 1983-1985

Box 38 of 52 Geopotential Research Mission Science Steering Group, 1982-1988

Box 38 of 52 Global Change Research Program, 1989

Box 38 of 52 Graduate Students, 1984-1989

Box 38 of 52 Graduate Students - Summer Support, 1984-1989

Box 38 of 52 Great Refractor, 1970-1989

Box 38 of 52 H, Individuals, 1982-1989

Box 38 of 52 H, Individuals - Hohlfeld, Robert, 1983-1984

Box 38 of 52 Halley's Comet, 1984-1987

Box 39

Box 39 of 52 Harvard University Observatory, prior to 1990

Box 39 of 52 Haystack Observatory, 1989

Box 39 of 52 Haystack Observatory, 1982-1988

Box 39 of 52 Hebrew University, 1987

Box 39 of 52 High Energy Astrophysics Division, 1989

Box 39 of 52 Hubble Space Telescope, 1985-1989

Box 39 of 52 Human Resources - Delegation of Authority, 1981-1986

Box 39 of 52 Human Resources - Director of Personnel Search, 1989

Box 39 of 52 Human Resources - Equal Opportunity, 1983-1989

Box 39 of 52 Human Resources - Organization Chart, 1976-1983

Box 39 of 52 Human Resources - Performance Management Recognition System, 1985-1990

Box 39 of 52 Human Resources - Safety Program, 1986-1989

Box 39 of 52 Human Resources - Supergrade, 1976-1989

Box 39 of 52 Human Resources - United Way, 1974-1989

Box 39 of 52 Institute for Theoretical Atomic and Molecular Physics, 1987-1989

Box 39 of 52 Institute for Theoretical Atomic and Molecular Physics (ITA), 1989

Box 39 of 52 International Space Year, 1987-1990

Box 39 of 52 J, Individuals - James, Jesse, 1984-1989

Box 40

Box 40 of 52 K, Individuals - Kaufman, Pierre, 1983-1989

Box 40 of 52 K, Individuals - Kellerman, Ken, 1983-1989

Box 40 of 52 K, Individuals - Kennedy, Roger, 1983-1989

Box 40 of 52 K, Individuals - King, Robert, 1973-1989

Box 40 of 52 K, Individuals - Kivelson, Margaret, 1983-1988

Box 40 of 52 K, Individuals, 1983-1989

Box 40 of 52 Kitt Peak National Observatory, 1972-1988

Box 40 of 52 L, Individuals - Lamb, Don, 1983-1987

Box 40 of 52 L, Individuals - Langley, Samuel P., 1984-1987

Box 40 of 52 L, Individuals - Lieske, Jay, 1989

Box 40 of 52 L, Individuals - Liller, William, 1970-1987

Box 40 of 52 L, Individuals - Lockwood, Jeffrey, 1988-1990

Box 40 of 52 L, Individuals, 1983-1989

Box 40 of 52 Library - CfA, 1987-1988

- Box 40 of 52 Library - CfA, Restructuring, 1989
- Box 40 of 52 Lincoln Lab, 1987-1988
- Box 40 of 52 M, Individuals - Mallone, Eugene, 1987-1989
- Box 40 of 52 M, Individuals - Manandhar, Raj, 1987-1988
- Box 40 of 52 M, Individuals, 1983-1989
- Box 40 of 52 Maser Laboratory, 1986-1989
- Box 40 of 52 Massachusetts Institute of Technology - Earth and Planetary Sciences, 1982-1989
- Box 40 of 52 Multiple Mirror Telescope - Budget and Funding, Conversion, 1988

Box 41

- Box 41 of 52 MMT - Instrumentation, 1988-1989
- Box 41 of 52 MMT - MOU, Correspondence, 1987-1989
- Box 41 of 52 MMT - MOU, Drafts, 1987-1988
- Box 41 of 52 N, Individuals, 1983-1989
- Box 41 of 52 NASA, 1988-1989
- Box 41 of 52 NASA - Solar System Exploration Division, prior to 1989
- Box 41 of 52 NASA - SWAS, Submillimeter Wave Astronomy Satellite, 1989
- Box 41 of 52 NASA - Tethered Satellite Systems, 1982-1985, 1987
- Box 41 of 52 National Optical Astronomy Observatory, 1982-1989
- Box 41 of 52 National Radio Astronomy Observatory - Newsletters, 1982-1989
- Box 41 of 52 National Research Council, prior to 1990

Box 42

Box 42 of 52 National Science Foundation, 1985-1989

Box 42 of 52 NSF - Proposal Reviews, 1989

Box 42 of 52 Neutrino Projects, 1984-1987

Box 42 of 52 New England Consortium for Undergraduate Science Education, 1987-1989

Box 42 of 52 Nine-Inch Telescope, 1985-1986

Box 42 of 52 Northeast Radio Observatory Corporation (NEROC), 1981-1989

Box 42 of 52 O, Individuals, 1983-1989

Box 42 of 52 Oak Ridge Observatory, 1986-1989

Box 42 of 52 Optical and Infrared Division, 1985-1989

Box 42 of 52 Oral History Project, 1985-1988

Box 42 of 52 P, Individuals, 1983-1985

Box 42 of 52 Palomar Sky Survey, 1988-1989

Box 43

Box 43 of 52 Physical Review (The), 1985-1989

Box 43 of 52 Planetary Sciences Division, 1981-1989

Box 43 of 52 Physics Today, 1982-1989

Box 43 of 52 Planetary Society, 1982-1989

Box 43 of 52 Principal Investigators, 1974-1987

Box 43 of 52 Queries, 1987-1989

Box 43 of 52 R, Individuals, 1983-1989

Box 43 of 52 R, Individuals - Robertson, Douglas, 1983-1989

Box 43 of 52 R, Individuals - Rozier, William, 1983-1989

Box 43 of 52 Radio and Astronomy Division, 1977-1989

Box 43 of 52 Recommendations, A-K, 1978-1989

Box 43 of 52 Recommendations - Davis, James, 1987-1988

Box 43 of 52 Recommendations, L-R, 1981-1989

Box 43 of 52 Recommendations, S-Z, 1982-1989

Box 44

Box 44 of 52 Rosat Data Center, 1984-1989

Box 44 of 52 S, Individuals, 1982-1989

Box 44 of 52 Science Education Department - Esteem-NSF Proposals, 1988-1989

Box 44 of 52 Science Education Department - Lohead, Jack, 1989

Box 44 of 52 Science Education Department - Lockwood, Jeff, 1988-1989

Box 44 of 52 Science Education Department - Spica, 1989

Box 44 of 52 Science Education Department - Star News, 1989

Box 44 of 52 Smithsonian Institution - Bureau Directors, 1982-1988

Box 44 of 52 Smithsonian Institution - Communications Council, 1987-1988

Box 44 of 52 Smithsonian Institution - Council of Bureau Directors, 1983-1989

Box 44 of 52 Smithsonian Institution - Council of Research Administrators, 1983-1987

Box 45

Box 45 of 52 Smithsonian Institution - Educational Outreach, 1977-1988

Box 45 of 52 Smithsonian Institution - Environmental Research Center (SERC), 1984-1989

Box 45 of 52 Smithsonian Institution - Foreign Currency Program, 1973-1990

- Box 45 of 52 Smithsonian Institution - Internships, 1983-1989
- Box 45 of 52 Smithsonian Institution - Legislative Bulletins, 1983-1988
- Box 45 of 52 Smithsonian Institution - Libraries, 1987-1990
- Box 45 of 52 Smithsonian Institution - Museums-National Air and Space Museum,
1979-1989
- Box 45 of 52 Smithsonian Institution - Museums-Support Center, 1989
- Box 45 of 52 Smithsonian Institution - National Academy of Public Administration (NAPA),
1988-1989
- Box 45 of 52 Smithsonian Institution - National Associates Program, 1973-1989
- Box 45 of 52 Smithsonian Institution - National Board, 1973-1988
- Box 45 of 52 Smithsonian Institution - Office of Accounting and Financial Services,
1978-1988
- Box 45 of 52 Smithsonian Institution - Office of Audits and Investments, 1987-1988
- Box 45 of 52 Smithsonian Institution - Office of Business Management, 1984-1989
- Box 45 of 52 Smithsonian Institution - Office of Development, 1976-1989
- Box 45 of 52 Smithsonian Institution - Office of Environmental Management and Safety,
1985-1989
- Box 45 of 52 Smithsonian Institution - Office of Equal Opportunity, 1983-1989
- Box 45 of 52 Smithsonian Institution - Office of Fellowships and Grants, 1987-1989
- Box 46
- Box 46 of 52 Smithsonian Institution - Office of Financial Management and Planning, 1989
- Box 46 of 52 Smithsonian Institution - Office of General Counsel, 1974-1989
- Box 46 of 52 Smithsonian Institution - Office of Grants and Risk Management, 1983-1989
- Box 46 of 52 Smithsonian Institution - Office of Human Resources, 1982-1989

Box 46 of 52 Smithsonian Institution - Office of Information Resource Management, 1987-1989

Box 46 of 52 Smithsonian Institution - Office of International Relations, 1984-1989

Box 46 of 52 Smithsonian Institution - Office of Museums (Assistant Secretary for), 1980-1989

Box 46 of 52 Smithsonian Institution - Office of Planning and Budget, 1988-1989

Box 46 of 52 Smithsonian Institution - Office of Plant Services, 1984-1989

Box 46 of 52 Smithsonian Institution - Office of Procurement and Property Management, 1989

Box 46 of 52 Smithsonian Institution - Office of Public Affairs, 1979-1989

Box 46 of 52 Smithsonian Institution - Office of Research (Assistant Secretary for), 1984-1989

Box 46 of 52 Smithsonian Institution - Office of Safety Programs, 1979-1986

Box 46 of 52 Smithsonian Institution - Office of Science (Assistant Secretary for), 1981-1989

Box 46 of 52 Smithsonian Institution - Office of Special Events, 1986-1987

Box 46 of 52 Smithsonian Institution - Office of Treasurer, 1976-1989

Box 46 of 52 Smithsonian Institution - Office of Undersecretary, 1972-1989

Box 46 of 52 Smithsonian Institution - Press, 1984-1988

Box 46 of 52 Smithsonian Institution - Quadrangle Project, 1989

Box 46 of 52 Smithsonian Institution - Regents, 1972-1989

Box 47

Box 47 of 52 Smithsonian Institution - Regents-Citizen Regent, 1983-1989

Box 47 of 52 Smithsonian Institution - Regents-Fellowship Program, 1981-1989

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Bahcall, John, 1977-1989

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Bates, Sir David, 1981-1983

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Blandford, Roger, 1987-1988

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Burke, Bernard, 1984-1985

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Chandrasekhar, S., 1979-1986

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Goldreich, Peter, 1984-1989

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Herbig, George, 1987

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Longhair, Malcolm S., 1988-1992

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Ostriker, Jeremiah, 1984-1988

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Peebles, James, 1985-1986

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Rees, Martin, 1985-1989

Box 47 of 52 Smithsonian Institution - Regents-Fellows-Wilczek, Frank, 1985-1987

Box 47 of 52 Smithsonian Institution - Regents-Meeting Minutes, 1981-1989

Box 47 of 52 Smithsonian Institution - Regents-Newsletter, 1975-1989

Box 47 of 52 Smithsonian Institution - Research Awards Program, 1966-1978

Box 47 of 52 Smithsonian Institution - Research Foundation, 1969-1976

Box 47 of 52 Smithsonian Institution - Research Opportunity Fund, 1988-1989

Box 47 of 52 Smithsonian Institution - Research Policy Committee, 1984-1988

Box 47 of 52 Smithsonian Institution - Resident Associates Program, 1987

Box 47 of 52 Smithsonian Institution - SI Funds, 1982-1987

Box 47 of 52 Smithsonian Institution - Smithson Society, 1983-1989

Box 47 of 52 Smithsonian Institution - Smithsonian Magazine, 1983-1989

- Box 47 of 52 Smithsonian Institution - Special Exhibition Fund, 1988-1989
- Box 48
- Box 48 of 52 Space Telescope Science Institute - Newsletter, 1988-1989
- Box 48 of 52 Space Telescope Science Institute, 1982-1989
- Box 48 of 52 Sparton 2 Program, 1983-1987
- Box 48 of 52 Submillimeter Array Telescope, 1989
- Box 48 of 52 Submillimeter Array Telescope - Progress Reports, 1989
- Box 48 of 52 Submillimeter Array Telescope - Public Affairs, 1988
- Box 48 of 52 Submillimeter Array Telescope - Receiver, 1988-1989
- Box 48 of 52 Submillimeter Array Telescope - Science and Technology Advisory Group (STAG), 1989
- Box 48 of 52 Submillimeter Array Telescope - Site Selection-Mauna Kea, 1987-1989
- Box 48 of 52 Submillimeter Array Telescope - Staffing, 1984-1989
- Box 48 of 52 Submillimeter Array Telescope - Steering Committee, 1987-1989
- Box 48 of 52 Submillimeter Array Telescope - University of Hawaii-MOU, 1987-1988 (2 folders)
- Box 48 of 52 Submillimeter Array Telescope - University of Massachusetts-MOU, 1986-1988
- Box 48 of 52 Submillimeter Array Telescope - Users Committee, 1987-1989
- Box 48 of 52 Smithsonian Institution - Third World Fellowships, 1986-1989
- Box 48 of 52 Smithsonian Institution - Traveling Exhibition Fund (SITES), 1986-1987
- Box 48 of 52 Smithsonian Institution - Tropical Research Center (STRI), 1984-1989
- Box 48 of 52 Smithsonian Institution - Women's Committee, 1976-1989

Box 48 of 52 Smithsonian Institution - World, Smithsonian (Quantum Universe), 1984-1989

Box 48 of 52 Smithsonian Institution - Year, Smithsonian, 1984-1989

Box 49

Box 49 of 52 Solar and Stellar Physics Division, 1987-1989

Box 49 of 52 Solar Maximum Mission, 1975-1982

Box 49 of 52 Space Fair, 1983-1985

Box 49 of 52 Space Science Board, 1982-1989

Box 49 of 52 Space Science Working Group, 1988-1989

Box 49 of 52 Summer Science Intern Program, 1979-1988

Box 49 of 52 T, Individuals, 1983-1989

Box 49 of 52 Tang, Guoqiang, 1989

Box 49 of 52 Taylor, Joseph, 1983-1987

Box 49 of 52 Theoretical Astrophysics Division, 1987-1989

Box 49 of 52 Travel Department, 1975, 1979, 1982-

Box 49 of 52 U, Individuals - Uson, Juan, 1983-

Box 49 of 52 U.S. Naval Observatory, 1985-1988

Box 49 of 52 UNAVCO, 1986-1988

Box 49 of 52 University of Arizona, 1983-1988

Box 49 of 52 University of Arizona - Steward Observatory, 1984-1986

Box 49 of 52 URSI Commission J, 1981-1987

Box 49 of 52 V, Individuals, 1983-1989

Box 49 of 52 V, Individuals - Vanden Bout, Paul, 1983-1989

- Box 49 of 52 V, Individuals - Veis, George, 1985-1988
- Box 49 of 52 Very Long Baseline Interferometry (VLBI) - Advisory Committee, 1985-1987
- Box 50
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Lincoln Lab, 1968, 1986-1989
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Merit Meeting, 1982-1985
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Network Consortium, 1980-1989
- Box 50 of 52 Very Long Baseline Interferometry (VLBI), 1973-1981
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Network Consortium, 1982-1986
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - OVLBI Science Working Group, 1969-1979
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Proposals, 1989
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - QUASAT Working Group, 1982-1988
- Box 50 of 52 Very Long Baseline Interferometry (VLBI) - Transition Plan, 1988
- Box 50 of 52 Very Long Baseline Interferometry (VLBI), 1975-1989
- Box 50 of 52 Video Equipment, 1987
- Box 50 of 52 Video History, 1988-1989
- Box 50 of 52 Visiting Committee (CfA), 1969-1989 (3 folders)
- Box 50 of 52 Visiting Scientists (CfA) - Chinese, 1986-1987
- Box 50 of 52 Visiting Scientists (CfA) - Li, Gang, 1987
- Box 50 of 52 Visiting Scientists (CfA) - Li, Hong-Wei, 1988-1989
- Box 50 of 52 Visiting Scientists (CfA) - Nanjing University, 1985-1989

- Box 50 of 52 Visiting Scientists (CfA), 1989-1990
- Box 50 of 52 Visiting Scientists (CfA) - Yuemin, Qian, 1987-1989
- Box 51
- Box 51 of 52 W, Individuals, 1983-1989
- Box 51 of 52 W, Individuals - Weber, Thomas, 1983-1985
- Box 51 of 52 W, Individuals - Will, Clifford, 1985-1988
- Box 51 of 52 What's New, 1985-1989
- Box 51 of 52 Whipple Observatory - Base Camp, 1988-1989
- Box 51 of 52 Whipple Observatory - Budgets, Funding, Etc., 1987-1989
- Box 51 of 52 Whipple Observatory - Office of Environmental Management and Safety,
1988-1990
- Box 51 of 52 Whipple Observatory - Personnel, 1988-1989
- Box 51 of 52 Whipple Observatory, 1989-1990
- Box 51 of 52 Whipple Observatory - Reports-Monthly, 1988-1989
- Box 51 of 52 Whipple Observatory - Requisitions-Miscellaneous, 1988-1989
- Box 51 of 52 Whipple Observatory - Ridge Dorm, 1986-1989
- Box 51 of 52 Whipple Observatory - Road Repairs, 1987-1989
- Box 51 of 52 Whipple Observatory - Security, 1989
- Box 51 of 52 Whipple Observatory - Telescope-Newsletter, 1986-1989
- Box 51 of 52 Whipple Observatory - TOPS, 1989
- Box 51 of 52 Whipple Observatory - Vehicle Fleet, 1988
- Box 51 of 52 Whipple Observatory - Visitors' Center, 1988-1989

Box 51 of 52 Y, Individuals, 1983-1989

Box 51 of 52 Y, Individuals - Yates, Sidney, 1988-1989

Box 51 of 52 Z, Individuals, 1982-1989

Box 51 of 52 IS Abstracts for Meetings, 1986-1987

Box 51 of 52 IAU 128, October 23, 1986

Box 51 of 52 Earth History (Extinctions), 1987

Box 51 of 52 Pulsars, 1983-1986

Box 51 of 52 National Science Foundation - Procedures and General Information, 1991

Box 51 of 52 S, Individuals - Sargent, Wal, 1989

Box 51 of 52 NASA AMONG, 1991

Box 51 of 52 H, Individuals - Habbal, Shaddia

Box 51 of 52 N, Individuals - Nixon, William, 1990

Box 51 of 52 Submillimeter Array Site Selection - Child, 1990

Box 51 of 52 Associate Directors, 1991

Box 51 of 52 Astronomy Department, 1991

Box 51 of 52 Relativity Talk, December 5, 1989

Box 51 of 52 Frontiers in Astronomy

Box 51 of 52 Herring Thesis, 1983

Box 52

Box 52 of 52 Buildings: The Move, 1990

Box 52 of 52 Radar and Optical Observation of Comets - Griggs, Skjellerup and Austin, 1986

Box 52 of 52

Pioneer Odyssey

Box 52 of 52

The Planetary Report - Volumes VIII, #6; XI, #1 and 6; X, #2-6; XI, #1; XII, #2

Box 52 of 52

NASA Graduate Students Researchers Program, 1988