College of the Holy Cross
Archives and Special Collections
Collection Inventory

Accession Number: SC 2000-18

Collection Name (Title): Richard J. Green Space Exploration Collection

Dates of Materials: 1960s, 1970s

Size of Collection: 4 Series comprised of 17 Boxes; 6 Oversize Boxes; 8 Loose Items

Arrangement: The collection is arranged into the following series:
   Series 1: Publicity
   Series 2: Reports, Documents, Charts, and Books
   Series 3: Photographs and Slides
   Series 4: Memorabilia

Restrictions: none

Related Material:

Preferred Citation: Richard J. Green Space Exploration Collection

Processed on: Dec. 2011

Biography/History:
Richard J. Green, a native of Newark, New Jersey, enjoyed a long career in the science field. He graduated from Holy Cross in 1949, received a master’s degree in physics from Fordham University, and attended the Advanced Management Program at the Harvard Business School. He has worked at the National Aeronautics and Space Administration (NASA) during the Apollo program, 1962-1970; the Federal Emergency Management Agency (FEMA), 1979-1981; and the National Science Foundation, 1992-1995. In 1996, he started Green Associates, a private consulting firm.

Scope and Content Note:
This collection documents the career of Richard Green especially his involvement with the early space missions and the race to the Moon.
Contents: Magazines, newspapers, books, photographs, slides, maps, and special objects
Box and Folder List:

Series 1: NASA Publicity
Box # 1 Magazine and Newspaper Articles about NASA and the Apollos, 1964-71
   Folder #1- “Footprints on the Moon,” National Geographic, 1964
   Folder # 2- “Next Stop: the Moon,” Newsweek, October 14, 1968
   Folder # 3- “Into the Universe,” Newsweek, January 6, 1969
   Folder # 5- “The Case for Space,” Forbes, July 1, 1969
   Folder # 6- “The Moonage,” Newsweek, July 7, 1969
   Folder # 7- “The Great Adventure,” Newsweek, July 21, 1969
   Folder # 8- “Letter from the Space Center,” The New Yorker, July 26, 1969
   Folder # 9- “One Giant Leap,” Newsweek, July 28, 1969
   Folder #10- “Man’s First Day on the Moon,” Popular Mechanics, July 1969
   Folder #11- “Moons, Mars, and Man,” Newsweek, August 11, 1969
   Folder #12- “First Explorers on the Moon,” National Geographic, December 1969
   Folder #13- “Target for Apollo 13,” Science News, April 4, 1970
   Folder #16- Science News, August 1, 1970
   Folder #17- Science News, August 22 & 29, 1970
   Folder #18- Science News, August 28, 1970
   Folder #19- “NASA Program for Exploration of the Moon and Planets”
      and “USG Studies Apollo 15 Moon Rocks,” Eos, October 10, 1971
   Folder #20- Science, November, 1971
   Folder #21- Apollo Press Materials- Newspaper Clippings

Box # 2 Apollo 13 Press Release, 1970
   Folder #1- Astronauts Will Test Marksmanship on Moon
   Folder #2- 40- Story Skyscraper Moved to Make Way for Apollo 13
   Folder #3- NASA Soothes Homesick Appetites
   Folder #4- Portfolio of EASEP Sketches
   Folder #5- Taking the Moon’s Temperature
   Folder #6- Scientific Observation Carried to the Moon
   Folder #7- Elderly, Sedate Moon Still Produces Surprises
   Folder #8- Bendix Fact Sheet for Apollo 13
   Folder #9- Press Release Folder
   Folder #10- Apollo 13 Press Kit

Oversize Box #1 Publicity- Magazines
   Folder #1- “Off to the Moon,” Life (Special Issue), July 4, 1969
   Folder #2- “Voyage to the Moon,” Washington Star (Supplement to Evening
Star), July 14, 1969
Folder # 3- “The Moon is a Rosetta Stone,” The New York Times Magazine, November 9, 1969
Folder # 4- “To the Moon and Back,” Life (Special Edition), 1969
Folder # 5- “Apollo 8: Voyage to the Moon,” Look Magazine, 1969

Oversize Box #2 Apollo 11 and 12 Headlines and Press
Folder # 1- Apollo 11 Front Page
Folder # 2- Apollo 11 Press
Folder # 3- Apollo 11 Headlines
Folder # 4- Apollo 12 Press

Oversize Box #3 Publicity- Newspapers
Folder # 3- “Man on the Moon,” The New York Times, July 20, 1969
Folder # 4- “Apollo in Orbit, Set for Landing,” The Washington Post, July 20, 1969
Folder # 6- “The Eagle Begins Trip Home,” The Evening Star, July 21, 1969
Folder # 9- “Apollo Heads Home as Crew Rests,” The Evening Star, July 22, 1969
Folder # 10- “Astronauts Joke as Apollo Coasts back to Earth,” The Washington Post, July 23, 1969
Folder # 11- “Apollo on Perfect path to Earth,” The Washington Post, July 24, 1969
Folder # 14- “Apollo Goals Irk Scientists,” The Washington Post, August 3, 1969
Folder # 16- “The End of Apollo: A Sad Retreat from Greatness,” The Sunday Star and Daily News (Washington, DC), December 17, 1972

Series 2: NASA Reports, Documents, Charts, and Books
Box # 1 NASA Reports and Documents
Folder # 1- Results of the Third United States Manned Orbital Space Flight, 1962
Folder # 2- The Observatory Generation of Satellites, March 1963
Folder # 3- Astronaut L. Gordon Cooper, Jr. and the Faith 7, 1963
Folder # 4- Ranger 7, A Special Report, August 5, 1969
Folder # 5- Space Research, Directions for the Future, Part One, 1965
Folder # 6- Surveyor 1, A Preliminary Report, June 1966
Folder # 7- Surveyor 7, A Preliminary Report and The Surveyor Project, May 1968
Folder # 8- The Post-Apollo Space Program, 1969
Folder # 9 Astronaut Trail Magazine, Apollo 9, 1969
Folder # 10- Apollo 12, A New Vista for Lunar Science, 1970
Folder # 11-The First Lunar Landing, 1970
Folder # 12- Earth Orbital Science, April 1971
Folder # 13- Planetary Exploration, June 1971
Folder # 14- Satellites at Work, June 1971
Folder # 15- Aeronautics, December 1971
Folder # 16- On the Moon with Apollo 16, April 1972
Folder # 17- Apollo 17 at Taurus-Littrow, 1973
Folder # 18- Apollo Lunar Exploration Program Science Objectives and Mission Plans
Folder # 19- Characteristics of Lunar Surface Experiments for Apollo Missions 16-19

Box # 2 Books and Booklets
Folder # 1- Vistas of Science: Space, NSTA, 1961
Folder # 2- Projects: Space, 1962
Folder # 3- Mariner- Mission to Venus, 1963
Folder # 4- Space… The New Frontier, 1964
Folder # 5- X-15 Research Results, 1965
Folder # 6- The Man Behind the Rocket, 1965
Folder # 7- What to Do and See: Cape Kennedy, November 1969
Folder # 8- Apollo: Man on the Moon coloring book, 1969
Folder # 9- Soviet Space Research, 1970s
Folder # 10- On the Moon with Apollo 15, June 1971
Folder # 11- Apollo 15 at Hadley Base, 1971
Folder # 12- 3ЭМАЯ- КОСМОС- ЛУНА, (Soviet Space Research-Russian Edition) 1972
Folder # 13- Apollo 16 at Descartes, 1972
Folder # 14- NASA Booklets, July 1969- July 1970
   -Apollo Phone Numbers- July 1969
   -Flight Schedules to and from Cities Most Frequently Visited by NASA Personnel, November 1969
   -Apollo Lunar Exploration Key Data Notebook, March 1972
   -Pocket Statistics, August 1970
   -Apollo Phone Numbers, April 1970
   -Apollo Mission Briefs, July 1970
   -NASA Photography from 5 years of Space

Box #4 NASA Reports, 1965-1982
- 22nd Semiannual Report to Congress, July 1-December 31, 1969
- Science, January 30, 1970
- NASA Office of Defense Affairs, the First Five Years
- Managing NASA in the Apollo Era, 1982

Box #5 Articles, Notes and Special Papers, Etc. 1959- ca. 1975
Folder #1- “The Next Ten Years in Space,” Staff Report, Select Committee
Astronauts and Space, 1959
Folder #2- “Prospects for Space Travel,” 1960
Folder #3- Lunar Orbit Rendezvous, 1962
Folder #4- “The V-2 Rocket,” W. Domberger, AAAS Meeting, paper, December
28, 1962
Folder #5- Quad IV Inspection Points
Folder #6- Geological Characteristics of the nine Lunar Landing Mission Sites
Recommended by the Group for Lunar Exploration Planning, 1968
Folder #7- “HHH: on the Space Program,” 1968
Folder #8- Richard J. Green’s Personal Notebook covering the lunar landing,
1969
Folder #9- ASLEP Press Backgrounder, 1969
Folder #10- Worcester Polytechnic Institute Commencement Address, 1970
Folder #11- Advanced Planning Review: Lunar Exploration Analysis, 1970
Folder #12- Science Policy: A Working Glossary, 1972
Folder #13- ASLEP- Apollo 12, 1975

Box #6 NASA Facts (fifteen educational reports), 1962-1965
Folder #1- Mariner, 1962
Folder #2- The Explorer Satellites, 1962
Folder #3- Project Relay, 1963
Folder #4- Mariner II Reports, 1963
Folder #5- Tiros, 1964
Folder #6- Interplanetary Explorer Satellites, 1964
Folder #7- V/Stol Aircraft, 1964
Folder #8- Explorer XVI, 1964
Folder #9- Launch Vehicles
Folder #10- Nimbus, 1964
Folder #11- Mariner IV, 1965
Folder #12- Biosatellites, 1965
Folder #13- Tiros, 1965
Folder #14- Project Ranger, 1965
Folder #15- Pegasus, 1965

Box #7 Apollo 11 and 12 Mission Reports, 1969-1970
Folder #1- Apollo 11 Mission Operation Report, 1969
Folder #2- Apollo 11 Mission Report, 1969
Folder # 3- Apollo 11 Special Part 2, Current News, 1969
Folder # 4- Apollo 12 Mission Operation Report, 1970
Folder # 5- Apollo 12 Mission Report, 1970

Box #8 Apollo Lunar Surface Experiments Package (ALSEP) and Early Apollo Scientific Experiments Package (EASEP), 1962-1965
Folder # 1- ASLEP General Familiarization Manual, November 15, 1966
Folder # 2- EASEP Flight System Familiarization Manual, April 25, 1969
Folder # 3- EASEP Mission Rules
Folder # 4- Apollo 13-The Second ALSEP

Oversize Box # 1 Lunar Surface Exploration Reference Charts
Folder # 1- Offices for Apollo Program and Manned Space Flight Chart
Folder #2- Lunar Surface Exploration Chart (2 copies)
Folder #3- Lunar Earthside Chart, 1968

Series 3: Photographs and Slides
Box # 1 Apollo Lunar Surface Experiments Package- Photos
Folders #1- #2 ASLEP and EASEP photos
Folder # 3- Photographs of Bendix Corp. Navigation and Control Division, Undated

Box # 2 Apollo 8, 11, 12, 13, 14, and 15 Photos
Folder # 1- Apollo 8- Crew
Folder # 2- Apollo 11- Crew
Folder # 3- Apollo 11- Lunar Surface
Folder # 4- Apollo 11- Trailing Ship
Folder # 5- Apollo 11- Landing
Folder # 6- Apollo 11- EASEP
Folder # 7- Apollo 12- Lunar Surface
Folder # 8- Apollo 12- Lunar Surface
Folder # 9- Apollo 13
Folder # 10- Apollo 13- Press Release Photos
Folder # 11- Apollo 14
Folder # 12- Apollo 15

Box # 3 Surveyor 3, Ranger, Mercury Atlas 8, Tiros, X-15, Delta Launch, Saturn, and Mariner 4 Photos
Folder # 1- Surveyor 3
Folder # 2- Ranger
Folder # 3- Mercury Atlas 8
Folder # 4- Tiros
Folder # 5- X-15
Folder # 6- Delta Launch
Folder # 7- Saturn
Folder # 8- Mariner 4
Folder # 9- Mariner 4

Box #4 Apollo 11 and Apollo 12 Slides
   Folder # 1- Apollo 11 Slides
   Folder # 2- Apollo 12 Slides

Box #5 Apollo 11 Stereo Camera Slides, July 1969

Oversize Box #1- Apollo 11 and Apollo Saturn Launch Photos

Oversize Box #2 Photos of ASLEP and Apollo 11
   Folder # 1- ASLEP Flight 1 Configuration (2 copies)
   Folder # 2- Apollo 11 Astronaut traversing surface with EASEP
   Folder # 3- Apollo 11 Astronaut at Deployed Seismometer
   Folder # 4- Laser Ranging Retro-Reflector
   Folder # 5- Deployed Seismometer – Apollo 11
   Folder # 6- Apollo 11 Astronaut with Experiments and Lunar Module
   Folder # 7- Apollo 11 Astronaut with Experiments and Lunar Module

Oversize Box #3 The Moon as Viewed by Lunar Orbiter, 1969

Series 4: Memorabilia
Box #1 Commemorative, Stamps, Envelopes, Decals, Badges, and Passes
   Folder #1- Echo 1 first day cover, 1960
   Folder #2- Project Mercury first day cover, 1962
   Folder # 4- Apollo 11 first day cover
   Folder # 5- Apollo 11 Decal
   Folder # 6- Apollo 12 first day cover
   Folder # 7- Apollo 13 Decal, 1970
   Folder # 8- Apollo Commemorative badges

Oversize Loose Items
   #1- Apollo 11 Lunar Landing Site
   #2- Electronic Lunar Lifeline Apollo Tracking System
   #3- Apollo 11 20th Anniversary Chart
   #4- Apollo Design Reference Mission Chart (3’x4’) which lays out the Apollo mission as envisioned in 1965
   #5- USAF Lunar reference mosaic
   #6- Lunar Surface Map showing coordinates of the Apollo 13 impact point to provide seismic signals during the Apollo 11 and 12 missions
   #7- Apollo 11 Landing Site
   #8- Lunar Orbiter Spacecraft Surface Photos