



Smithsonian
National Air and Space Museum

This application instruction package provides information regarding the **Lindbergh, Verville** and **Guggenheim** Fellowships administered by the National Air and Space Museum. We encourage any interested candidates to apply using the online form found at **<http://www.nasm.si.edu/forms/fellowapp.cfm>**.

This application instruction package includes:

- **[general information for fellowship applicants](#)**
- **[instructions for submitting an application](#)**
- **[directions for letters from referees](#)**
- **[list of Aeronautics Division and Space History Division research staff at the Museum](#)**.

Applicants are advised that they may be eligible to submit a similar proposal to the Smithsonian's Office of Fellowships and Grants, which offers Predoctoral, Postdoctoral and Senior Postdoctoral Fellowships. For information or application forms from this program, please contact the **Office of Fellowships**, Smithsonian Institution, phone (202) 633-7070, visit their website at <http://www.si.edu/ofg/>

If you have any further questions, please send an e-mail message to NASM-Fellowships@si.edu or call me at (202) 633-2648, or fax me at (202) 786-2447. *Interested candidates are strongly encouraged to contact appropriate Museum staff members who might serve as advisors or consultants.* Telephone numbers and e-mail addresses are given in the enclosed list of staff members.

Sincerely,

Collette Williams
Fellowship Program Coordinator
Collections & Research Department

SMITHSONIAN INSTITUTION
National Air and Space Museum
Independence Avenue at Sixth Street SW
Rm 3313, MRC 312
P.O. Box 37012
Washington, DC 20013-7012
202.633.2648 Telephone
202.786.2447 Fax

GENERAL INFORMATION FOR GUGGENHEIM, VERVILLE, and LINDBERGH FELLOWSHIP APPLICANTS

1. Qualification for the Guggenheim Fellowship

Applicants who have received the Ph.D. degree or equivalent within seven years of the beginning of the fellowship period are eligible to apply for a Postdoctoral Fellowship. The limitation may be waived upon demonstration that a fellowship appointment would further the applicant's research training. Recipients must have completed that degree at the time the fellowship commences. Students who have completed preliminary course work and examinations and are engaged in dissertation research are eligible to apply for a Predoctoral Fellowship. All applicants must be able to speak and write fluently in English.

2. Qualification for A. Verville Fellowship

The A. Verville Fellowship is open to all interested candidates who can provide a critical analytical approach to major trends, developments and accomplishments in some aspect of aviation and/or space history. Good writing skills are required. An advanced degree is not a requirement. Graduate predoctoral students will normally not be considered for the Verville; they should apply for a Guggenheim Fellowship.

3. Qualification for the Charles A. Lindbergh Chair in Aerospace History

The Lindbergh Chair is open to established and recognized senior scholars with distinguished records of publication who are at work on, or anticipate being at work on, books in aerospace history. Tenure typically ranges from nine months up to an academic year (September through August) and applications are due January 15 of the year preceding the award of the fellowship. (For example, applications for the slot in 2011-2012 are due by January 15, 2010.)

4. Conditions of Appointment for the Verville Fellow

The Verville Fellow is appointed for a period of 9 to 12 consecutive months, normally beginning between June 1 and October 1. The starting date should be mutually selected by the appointee and the Smithsonian advisor. Extension or renewal of appointments are competitive, not automatic. Applicants are not obligated to accept a fellowship if selected. **Residence in the Washington, D.C., metropolitan area during the fellowship term is a requirement of these Fellowships.**

The Verville Fellow is required to write a series of articles or a book as outlined in his/her proposal, make at least one work-in-progress staff presentation on his/her topic, report regularly to his/her advisor, adhere to a 40 hour work week, maintain research expenditure records, and prepare a summary report at the end of the term.

5. Conditions of Appointment for Guggenheim Fellows

Guggenheim Fellows are appointed for a period of 3 to 12 consecutive months. More than one fellow may be selected. The major portion of the appointee's research must be conducted at the Smithsonian. Requests for extension or renewal of appointments will be considered on a competitive basis with new applications. **Residence in the Washington, D.C., metropolitan area during the fellowship term is a requirement of the Fellowship.**

In accepting an appointment in this program, the Guggenheim fellow will be expected to devote his or her entire effort to the research program. Financial assistance may be received during the term of tenure, provided there is no objection on the part of the granting institution and no demands are made upon the time of the Fellow. Purposes for which other support is acceptable include attendance at seminars, scientific meetings, or conferences that contribute to the fellow's program of research.

The Guggenheim Fellow is required to make at least one work-in-progress staff presentation on his/her topic, report regularly to his/her advisor, adhere to a 40 hour work week, maintain research expenditure records, and prepare a summary report at the end of the term.

The starting date for the Guggenheim fellowship term should be mutually selected by the appointee and the Smithsonian advisor, with the concurrence of the Office of Fellowships.

6. Conditions of Appointment for the Charles A. Lindbergh Chair in Aerospace History

Appointments vary from nine to 12 months, and typically are for an academic year starting in September. Residency in the Washington, D.C. area is a requirement. Interaction with Museum professional staff is highly desired and expected, including attendance at selected professional seminars and colloquia. Appointments cannot be automatically extended and typically are not renewable. The incumbent will be expected to engage in work leading to a major publication. Participation in the Museum's work-in-progress series is expected.

7. Deadline for Receipt of Application

Applications must be submitted electronically through the on-line system and received by January 15, statements from references must be received by January 31. Applications and letters from referees not received by these respective dates will not be considered.

8. Use of Information and Method of Selection

All completed applications are made available to appropriate NASM staff members and external reviewers for review. Applications and comments are then compiled and submitted to the Verville and Guggenheim Fellowship Selection Committee.

Selection will be based on the consensus of the Selection Committee according to the following criteria: the potential contribution of the project to the field of aviation and space history, its utilization of National Air and Space Museum and Smithsonian resources and staff, and its potential contribution to National Air and Space Museum programs. The Smithsonian

Institution's Office of Fellowships offers and administers all awards.

The recipients will be notified by phone or e-mail before April 30. **Applicants may reapply in subsequent years only by submitting a new application.**

9. Use of Smithsonian Facilities

Each Fellow will be provided with appropriate work space and supplies to conduct research, including a computer and telephone. Secretarial service is generally not available.

10. Stipends and Allowances

Normally only one Guggenheim Fellowship is awarded each year, either Postdoctoral or Predoctoral, although in some years funding may allow the awarding of further fellowships. The stipend for Postdoctoral Fellowships is \$45,000 for a 12 month term, and the Predoctoral stipend is \$30,000 for a 12 month term. For shorter terms, the stipend amount will be prorated.

The A. Verville Fellowship stipend is \$55,000 for a 12 month fellowship. Only one Fellowship is awarded. For shorter terms, the stipend amount will be prorated.

The Charles A. Lindbergh Chair in Aerospace History is compensated for replacement of salary and benefits up to a maximum of \$100,000 a year. Research expenses and relocation are negotiable.

Fellows are eligible to receive a travel allowance not to exceed the cost of one round trip ticket from the nearest airport to assist their temporary relocation to the Smithsonian. For research-related expenses, Fellows may also receive a research allowance of up to \$2000 for the Guggenheim Predoctoral Fellowship, of up to \$3000 for the Guggenheim Postdoctoral Fellowship, and of up to \$5000 for the Verville Fellowship and Lindbergh Chair, subject to the submission of a budget acceptable to the principal advisor(s). **Please provide a budget and provide justification within your proposal. See the instructions below for further details.**

11. Taxes and Visas

The Smithsonian Institution does not withhold income taxes from stipends. This is the responsibility of the fellow. Fellows are excluded from Social Security coverage as well, as a fellow is not an employee of the Smithsonian Institution.

The Smithsonian Office of Fellowship and Grants will assist with the necessary arrangements for visas for foreign nationals who do not already possess visas, or who wish to change the type of permit held. Normally, visas arranged by the Smithsonian Institution will give the Fellow the status of "Foreign Exchange Visitor" (J-visa). A spouse and minor children may travel on the same visa as the Fellow.

INSTRUCTIONS FOR SUBMITTING GUGGENHEIM, VERVILLE, and LINDBERGH FELLOWSHIP APPLICATIONS

Complete the online application form at <http://www.nasm.si.edu/forms/fellowapp.cfm> by filling out all relevant fields. The Supplemental Files fields allow you to browse to the requested files on your local computer and send them with the application form. **Please see the online form for size and file type limitations.** The six supplemental files that you are required to attach are described below:

- A summary description of your proposal, not longer than 250 words, of your proposed research.
- A research proposal not more than 1500 words long. This statement should set forth your research plan, indicating the importance of the work both in relation to the larger discipline and to your own intellectual goals. The proposal must contain your evaluation of the contributions which NASM staff members are expected to make to your studies, and indicate what NASM collections, special facilities, and other resources are needed. In addition, the proposal must also provide justification for the research-related expenses included in the research budget. We encourage the inclusion of an annotated historiographical introduction to the subject field of your proposal.
- A research budget for equipment, supplies, travel costs (not including relocation), and other support required to conduct the research itself (not living expenses). Do not include supplies or equipment (including reasonable photocopying) that would be normally available at the Museum. Maximum research allowance for the Guggenheim predoctoral fellowship is up to \$2,000 for a full twelve-month term. For the Guggenheim postdoctoral fellowship, the allowance is up to \$3000 for a full twelve-month term. For the Verville Fellowship and the Lindbergh Chair, the allowance is up to \$5000 for a full twelve-month term. If expenses significantly exceed these amounts, the applicant should indicate what other funds will be available to cover the difference. In addition, the amount requested must be justified by the research budget.
- A bibliography of literature relevant to the applicant's proposed research, especially that cited in the research proposal.
- An estimated schedule for each phase of the proposed research.
- A curriculum vitae or resumé, not longer than three pages, including pertinent publications, fellowships or accomplishments relevant to your proposal.

Every Fellow appointed at the Smithsonian must have a Smithsonian principal advisor. Identify in the proposal the member(s) of the Smithsonian's research staff who might properly serve as your principal advisor(s), as well as those who might be suitable as consultants. This announcement contains the necessary information about staff research specialties and current departmental interests to help you determine which staff member(s) is best suited to your research needs. **It is to your advantage to contact that person or persons as you develop**

your proposal. You are urged to do so, but are not obliged.

DIRECTIONS FOR LETTERS FROM REFEREES

The applicant is responsible for notifying the 3 stated referees, and providing each with copies of the completed application and research proposal. The applicant will receive a completed copy of the online application form via e-mail, shortly after it is submitted to the Museum. The explanatory letter containing evaluation instructions for referees can be found at http://www.nasm.si.edu/getinvolved/fellow/fellowapp_referee_letter.pdf. Smithsonian staff members are not eligible to act as referees. The referees' comments are due electronically by January 31. The address for all submissions and communications is: NASM-Fellowships@si.edu

AERONAUTICS AND SPACE HISTORY RESEARCH STAFF

Aeronautics Division

The Aeronautics Division is responsible for the historical research and collecting activities of the National Air and Space Museum related to all aspects of flight in the atmosphere. The goal of the division is to preserve, document, and interpret the history of aeronautical technology within a broad and appropriate political, economic, and social context. As part of this responsibility, the division acquires, documents, and maintains a collection of historically significant artifacts for public exhibition, study, and reference. Staff members conduct historical research leading toward scholarly and popular publications, exhibitions, lectures, seminars, and other forms of public presentation. Staff members also respond to a broad range of requests from the public on matters related to the history of aeronautics.

JOHN D. ANDERSON, JR., Curator. B.S. (1959) University of Florida, Ph.D. (1966) Ohio State University. Research specialties: hypersonic aerodynamics; high temperature gas dynamics; computational fluid dynamics; history of aerodynamics (Note: NASM cannot support fellows in aerodynamics and related fields, only in the history of aerodynamics.) andersonja@si.edu; 202-633-2632

DOROTHY S. COCHRANE, Curator. B.A (1972), History, Ithaca College, M.Ed. (1975) Lehigh University. Research specialties: general aviation; aerial photography; history of women in aviation. cochraned@si.edu; 202-633-2633

TOM D. CROUCH, Senior Curator. B.A. (1966) Ohio University, M.A. (1968) Miami University, Ph.D. (1976) Ohio State University. Research specialties: history of flight and aerospace technology; U.S. social history; early flight, 1780-1914; lighter-than-air flight. croucht@si.edu; 202-633-2635

DIK ALAN DASO, Curator. B.S. (1981), USAF Academy, M.A. (1992), Ph.D. (1996) University of South Carolina. Research specialties: American military history; airpower history and biography; colonial/revolutionary America; Napoleonic France; history of technology. dasod@si.edu; 202-633-2636.

RONALD E. G. DAVIES, Curator. Fellow, Royal Geographical Society; Fellow, Royal Aeronautical Society; Fellow, Royal Society of Arts; past Lindbergh Professor, NASM; Associate Academie Nationale de l'Air et de L'Espace; holder, Merito Santos Dumont (Brazil); and Ordem do Me'rito Aeronautico (Brazil); Fellow National, Explorers Club. Research specialties: history of world's airlines; development of air transportation; commercial aircraft. daviesr@si.edu; 202-633-2637

VON D. HARDESTY, Curator. B.A. (1961) Bluffton College, M.A. (1964) Case Western Reserve University, Ph.D. (1974) Ohio State University. Regents Publication Fellow, 1994-1995. Research specialties: Soviet military doctrines and history; Soviet Air Force; Russian aviation history. hardestyv@si.edu; 202-633-2639

PETER L. JAKAB, Curator and Associate Director for Collections and Curatorial Affairs. B.A. (1980), M.A. (1982), Ph.D. (1989) Rutgers University. Research specialties: history of technology; history of aviation and aeronautical engineering; history of early flight; Wright brothers. jakabp@si.edu; 202-633-2631

JEREMY R. KINNEY, Curator. B.A. (1994) Greensboro College, M.A. (1998), Ph.D. (2003) Auburn University. Research specialties: American history and technology; technical development of flight; air racing; aircraft propulsion; interwar military aviation, 1919-1941, aviation historiography. kinneyj@si.edu; 202-633-2640

RUSSELL E. LEE, Curator. B.S. (1981) Southwest Texas University, M.S. (1992) George Mason University. Research specialties: all-wing aircraft, amateur-built aircraft; sailplanes; ultralights. LeeRE@si.edu; 202-633-2641

DOMINICK A. PISANO, Curator. B.A. (1966) Pennsylvania State University, M.S. (1974) Catholic University, Ph.D. (1989) George Washington University. Research specialties: social and cultural aspects of American aviation; minorities in aviation; bibliographical and historiographical research in aviation. pisanod@si.edu; 202-633-2645

ALEX M. SPENCER, Curator. B.A., (1987) M.A. (1990) Pennsylvania State University. Ph.D. (2008) Auburn University. Research specialties: British and Commonwealth aviation; military flight clothing; aviation trophies and awards. spenceram@si.edu; 202-633-2646

F. ROBERT VAN DER LINDEN, Chair, Aeronautics Division. Curator of Air Transportation and Special Purpose Aircraft. B.A. (1977) University of Denver, M.A. (1981), Ph.D. (1997) George Washington University. Research specialties: U.S. commercial, military and naval aviation; special purpose aviation. vanderlindenb@si.edu; 202-633-2647

Division of Space History

The Space History Division is the focal point for the space related historical research, curatorial and archival activities of the National Air and Space Museum. Using the Museum's collections, as well as archival and bibliographic sources, the Division investigates the disciplines that use the vantage point of space, including astronomy, space physics, atmospheric sciences, communications, and life sciences, and also the means by which humans have probed or explored space, including rockets, launch vehicles, and spacecraft. Its research encompasses historical studies of space science and exploration, as well as technical surveys of space disciplines. In addition, the Division undertakes historical studies of the social and cultural, economic and political aspects of space flight and exploration.

The primary emphasis of the Division is on historical research, but it also monitors and records the present achievements of space flights and space related technology, acquires significant artifacts, and documents those achievements and artifacts for public exhibit, study, and reference.

PAUL E. CERUZZI, Curator, Computers and Avionics. B.A. (1970), American Studies, Yale; Ph.D. (1981) University of Kansas. Research specialties: Aerospace electronics; computing; microelectronics; missile guidance & control. ceruzzip@si.edu; 202-633-2414

MARTIN J. COLLINS, Curator, Civilian Applications Satellites, and Head, Oral History Project. B.G.S. (1977), University of Michigan, M.A. (1985), M.L.S. (1985), Ph.D. (1998), University of Maryland. Research specialties: history and culture of postwar science and technology. collinsm@si.edu; 202-633-2413

JAMES E. DAVID, Curator, Space History Division. B.A. (1973), Occidental College, M.A. (1990), Johns Hopkins University. Research specialties: early post-World War II communications intelligence organization and policies; intelligence programs and space; NASA's liaison with intelligence agencies; federal records management. davidj@si.edu; 202-633-2426.

DAVID H. DEVORKIN, Senior Curator, History of Astronomy and the Space Sciences. B.A. (1966) University of California, Los Angeles, M.S. (1968) San Diego State University, M. Phil. (1970) Yale University, Ph.D. (1978) University of Leicester. Research specialties: history of modern astrophysics; history of astronomy and the space sciences; oral history and biography. devorkind@si.edu; 202-633-2425

THOMAS LASSMAN, Curator, Cold War Rockets and Missiles. B.A. (1991), Washington University, M.A. (1996), Ph.D. (2000), The Johns Hopkins University. Research specialties: history of American industrial research; history of government-business relations; history of weapon systems acquisition in the Department of Defense; institutional history of American science and technology.

ROGER D. LAUNIUS, Senior Curator. B.A. (1976) Graceland College, M.A. (1976), Ph.D. (1982) Louisiana State University. Research specialties: aerospace history; history of NASA; history of space exploration. launiusr@si.edu; 202-633-2428

CATHLEEN S. LEWIS, Curator, International Space Programs. B.A. (1980), M.A. (1983) Yale University; Ph.D. (2008) George Washington University. Research specialties: history of Russian and Soviet space programs; non-U.S. space programs; international cooperation in space; blacks in aviation and spaceflight. lewiscs@si.edu; 202-633-2423

VALERIE S. NEAL, Curator. B.A. (1971) Texas Christian University, M.A. (1973) University of Southern California, Ph.D. (1979) University of Minnesota. Research specialties: post-Apollo human spaceflight (Skylab, space shuttle); manned space science, especially Spacelab missions. nealv@si.edu; 202-633-2422

ALLAN A. NEEDELL, Curator, Human Space Flight: Apollo Program. B.A. (1972) Cornell University, M.A. (1974), Ph.D. (1980) Yale University. Research specialties: history of modern physical sciences; organization of American science and its political and social relations; history of space exploration. needella@si.edu; 202-633-2412

MICHAEL J. NEUFELD, Chair, Space History Division. Curator. B.A. (1974) University of Calgary, M.A. (1976) University of British Columbia, M.A. (1980), Ph.D. (1984) The Johns Hopkins University. Research specialties: German rocketry and aeronautics; World War II, the Holocaust, and strategic bombing; U.S. space and guided-missile history since 1945. neufeldm@si.edu; 202-633-2434

MARGARET A. WEITEKAMP, Curator, Social and Cultural History of Spaceflight. B.A. (1993) University of Pittsburgh, M.A. (1996), Ph.D. (2001) Cornell University. Research specialties: popular culture, space memorabilia, and space science fiction; social history of spaceflight workforce; women in early U.S. space program. weitekampm@si.edu; 202-633-2416

AFFILIATED RESEARCH STAFF (Consultants only)

ROGER D. CONNOR, Museum Specialist, Aeronautics Division. B.S. (1993) Virginia Tech University; M.A. (2002) The George Washington University. Research specialties: rotary-wing and V/TOL aviation; hovercraft; aircraft instrumentation and avionics. connorr@si.edu; 202-633-2634

JENNIFER K. LEVASSEUR, Museum Specialist, Division of Space History. B.A. (1999) University of Michigan, M.A. (2002) George Washington University. Research specialties: human spaceflight; material culture; popular culture; camera collection. levasseurj@si.edu; 202-633-2429