

National Science Foundation

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(ii) Produce an authoritative classification for meteorites that can be shown to belong to a well-established chemical and petrological group, and provide appropriate descriptions for those meteorites that cannot be shown to belong to an established chemical and petrological group;

(iii) Develop and maintain curatorial records associated with the meteorites including collection information, authoritative classification, total known mass, information about handling and sample preparation activities that have been performed on the meteorite, and sub-sample information;

(iv) Submit an appropriate summary of information about the meteorites to the Antarctic Master Directory via the National Antarctic Data Coordination Center as soon as possible, but no later than two years after receipt of samples at the curatorial facility;

(v) Submit information on classification of the meteorite to an internationally recognized meteorite research catalog, such as the "Catalogue of Meteorites" published by the Natural History Museum of London or the "Meteoritical Bulletin" published by the Meteoritical Society;

(vi) Specify procedures by which requests for samples by bonafide scientific researchers will be handled;

(vii) Make samples available to bonafide scientific researchers at no more than incremental cost and within a reasonable period of time; and

(viii) In the event that the initial curatorial facility is no longer in a position to provide curation services for the specimens, or believes that the meteorites no longer merit curation, it shall consult with the National Science Foundation's Office of Polar Programs to identify another appropriate curatorial facility, or to determine another appropriate arrangement.

§ 674.6 Submission of information to NSF.

A copy of the written procedures developed by expedition organizers pursuant to § 674.5(b) shall be furnished to the National Science Foundation's Office of Polar Programs at a minimum of 90 days prior to the planned departure date of the expedition for Antarctica. NSF shall publish a notice of

availability of the plan in the FEDERAL REGISTER that provides for a 15 day comment period. NSF shall evaluate the procedures in the plan to determine if they are sufficient to ensure that the meteorites will be properly collected, handled, documented, and curated. NSF shall provide comments on the adequacy of the plan within 45 days of receipt. If NSF advises the expedition organizer that the procedures satisfy the requirements of § 674.5 and the procedures are implemented, the expedition organizer will have satisfied the requirements of this part.

§ 674.7 Exception for serendipitous finds.

A person who makes a serendipitous discovery of a meteorite in Antarctica which could not have been reasonably anticipated, may collect the meteorite for scientific research purposes, provided that the meteorite is collected in the manner most likely to prevent contamination under the circumstances, and provided that the meteorite is otherwise handled, documented and curated in accordance with the requirements of § 674.5.

PART 675—MEDICAL CLEARANCE PROCESS FOR DEPLOYMENT TO ANTARCTICA

Sec.

675.1 Purpose and authority.

675.2 Medical examinations.

675.3 Medical clearance criteria.

675.4 Waiver process.

AUTHORITY: 42 U.S.C. 1870.

SOURCE: 62 FR 31522, June 10, 1997, unless otherwise noted.

§ 675.1 Purpose and authority.

(a) This part sets forth the procedures for medical screening to determine whether candidates for participation in the United States Antarctic Program (USAP) are physically qualified and psychologically adapted for assignment or travel to Antarctica. Medical screening examinations are necessary to determine the presence of any physical or psychological conditions that would threaten the health or safety of the candidate or other USAP

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participants or that could not be effectively treated by the limited medical care capabilities in Antarctica.

(b) Presidential Memorandum No. 6646 (February 5, 1982) (available from the National Science Foundation, Office of Polar Programs, room 755, 4201 Wilson Blvd., Arlington, VA 22230) sets forth the National Science Foundation's overall management responsibilities for the entire United States national program in Antarctica.

§ 675.2 Medical examinations.

(a) Any individual seeking to travel to Antarctica under sponsorship of the United States Antarctic Program must undergo a medical and dental examination to determine whether the individual is physically qualified for deployment to Antarctica.

(b) The medical and dental examinations may be conducted by a qualified licensed physician or dentist of the candidate's choosing, or designated by the employing organization, following instructions provided by the USAP. The medical examinations shall include a medical history, physical examination and appropriate clinical tests which address major organ systems for medical conditions inconsistent with safe deployment to Antarctica.

(c) The candidate's physician/dentist will submit the required medical information on the appropriate USAP-provided forms to a USAP-designated physician who will determine whether the individual is qualified for deployment to Antarctica based upon Medical Clearance Criteria established by the USAP. All information requested on the forms shall be provided.

(d) Candidates who anticipate spending the austral winter in Antarctica (when evacuation may be impossible) are subject to additional evaluation, including a determination of psychological adaptability for such an isolated assignment. Psychological evaluations of "winter-over" candidates shall be performed by a qualified team of USAP-designated physicians/clinical psychologists.

§ 675.3 Medical clearance criteria.

(a) The USAP shall establish Medical Clearance Criteria for determining eli-

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gibility for deployment to Antarctica. (See Medical Standards for Antarctic Deployment available from the National Science Foundation, Office of Polar Programs, room 755.09, 4201 Wilson Blvd., Arlington, VA 22230).

The criteria will include examination of the following major organ systems:

- (1) Lungs and chest wall.
- (2) Heart and vascular system.
- (3) Abdominal organs and gastrointestinal system.
- (4) Endocrine or metabolic system.
- (5) Genitalia and urinary system.
- (6) Musculoskeletal.
- (7) Skin and cellular tissues.
- (8) Neurological Disorders.
- (9) Psychiatric or psychological.
- (10) Dental.

(b) The USAP may review and revise the Medical Clearance Criteria periodically as appropriate.

§ 675.4 Waiver process.

(a) If an individual is found not physically qualified for deployment to Antarctica, the USAP's contractor will inform the individual of the determination and of the administrative waiver process, and will provide a waiver application package to the individual upon request.

(b) The waiver applicant should send the completed waiver application package to the USAP's contractor which will forward the package to NSF's Office of Polar Programs for review and a determination on the appropriateness of a waiver. In making the waiver determination, the Office of Polar Programs may consult with other qualified medical personnel and may require waiver applicants to take further medical examinations or to furnish additional medical documentation in support of the waiver application.

(c) The Director, Office of Polar Programs (or designee) will make a final determination, in the exercise of his or her discretion, on the appropriateness of a waiver on a case-by-case basis.

(d) Individuals for whom a waiver is determined to be appropriate are eligible for deployment to Antarctica subject to any necessary limitations/restrictions identified by the Director, Office of Polar Programs, or designee.

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PART 680—NATIONAL SCIENCE FOUNDATION RULES OF PRACTICE

Subpart A—Rules of Practice for the National Science Foundation

Sec.

680.10 Definitions; cross-references to employee ethical conduct standards and financial disclosure regulations.

680.11 Staff involvement with NSF proposals and awards.

680.12 One-year NSF post-employment restrictions.

680.13 Purposes for “substitute” requirements.

Subpart B [Reserved]

AUTHORITY: 5 U.S.C. 7301; 42 U.S.C. 1870(a); 5 CFR 2635.105(c)(3).

SOURCE: 47 FR 32131, July 26, 1982, unless otherwise noted.

Subpart A—Rules of Practice for the National Science Foundation

SOURCE: 61 FR 59837, Nov. 25, 1996, unless otherwise noted.

§ 680.10 Definitions; cross-references to employee ethical conduct standards and financial disclosure regulations.

(a) *Definitions.* Under this subpart, unless a provision plainly indicates otherwise:

(1) *Award* means any grant, contract, cooperative agreement, loan, or other arrangement made by the Government.

(2) *Employee* includes, in addition to any individual defined in 5 CFR 2635.102(h), any individual working at NSF under the Intergovernmental Personnel Act. It includes any part-time or intermittent employee, temporary consultant; but not a special Government employee, as defined in 18 U.S.C. 202(a).

(3) *Institution* means any university, college, business firm, research institute, professional society, or other organization. It includes all parts of a university or college, including all institutions in a multi-institution State or city system. It includes any university consortium or joint corporation; but not the universities that belong to such a consortium. Those universities

shall be considered separate institutions for purposes of this part.

(4) *Proposal* means an application for an award and includes a bid.

(b) *Cross-references to employee ethical conduct standards and financial disclosure regulations.* Members of the National Science Board and other employees of the National Science Foundation (NSF), including special Government employees, should refer to the Standards of Ethical Conduct for Employees of the Executive Branch at 5 CFR part 2635, the National Science Foundation’s regulations at 5 CFR part 5301 which supplement the executive branch Standards, and the executive branch financial disclosure regulations at 5 CFR part 2634.

§ 680.11 Staff involvement with NSF proposals and awards.

(a)(1) Many scientists, engineers, and educators interrupt active research and teaching careers to spend a year or two at NSF and then return to research and teaching, usually at the same institution from which they came. Many such visiting scientists, engineers, and educators (and a few permanent employees) who have been principal investigators under NSF awards before coming to NSF, retain some interest or association with the work. If an individual is a principal investigator under an NSF award, the individual is not precluded from retaining ties to the work after becoming an NSF employee. The employee may stay in contact with those who are continuing the work in the employee’s laboratory or on his or her project. The employee may continue to supervise graduate students. And the employee may visit and work in the laboratory on his or her own time for these and related purposes.

(2) Before a prospective employee comes to NSF, the prospective employee and the grantee institution must designate, subject to NSF approval, a “substitute principal investigator”—i.e., another scientist who will be responsible for the work and equipment and will represent the institution in any dealings with NSF officials while the prospective employee is at NSF.

(3) Appointment of a substitute principal investigator is unnecessary if all