

ACTION: Submission for OMB review; comment request.

SUMMARY: Under the Paperwork Reduction Act of 1995, Public Law 104-13 (44 U.S.C. 3501 *et seq.*), and as part of its continuing effort to reduce paperwork and respondent burden, the National Science Foundation (NSF) is inviting the general public and other Federal agencies to comment on this proposed continuing information collection. This is the second notice for public comment; the first was published in the **Federal Register** at 66 FR 57114 and no comments were received. NSF is forwarding the proposed submission to the Office of Management and Budget (OMB) for clearance simultaneously with the publication of this second notice.

DATES: Comments regarding these information collections are best assured of having their full effect if received by OMB within 30 days of publication in the **Federal Register**.

ADDRESSES: Written comments regarding (a) whether the collection of information is necessary for the proper performance of the functions of NSF, including whether the information will have practical utility; (b) the accuracy of NSF's estimate of burden including the validity of the methodology and assumptions used; (c) ways to enhance the quality, utility and clarity of the information to be collected; or (d) ways to minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology should be addressed to: Office of Information and Regulatory Affairs of OMB, Attention: Desk Officer for National Science Foundation, 725 17th Street, NW, Room 10235, Washington DC 20503, and to Suzanne H. Plimpton, Reports Clearance Officer, National Science Foundation, 4201 Wilson Boulevard, Suite 295, Arlington, Virginia 22230 or send email to splimpto@nsf.gov. Copies if the submission may be obtained by calling (703) 292-7556.

FOR FURTHER INFORMATION CONTACT: Suzanne H. Plimpton, NSF Reports Clearance Officer at (703) 292-7556 or send email to splimpto@nsf.gov.

An agency may not contact or sponsor a collection of information unless the collection of information displays a currently valid OMB control number and the agency informs potential persons who are to respond to the collection of information that such persons are not required to respond to

the collection of information unless it displays a currently valid OMB control number.

SUPPLEMENTARY INFORMATION:

Title of Collection: Evaluation of the Impact and Use of the National Institutes of Health Curriculum Supplements on Students' Scientific Knowledge.

OMB Control No.: 3145-NEW.

1. Abstract

The National Science Foundation (NSF) has provided funding for systematically developed, research-based curriculum materials beginning in the 1960s. NSF has the responsibility of coordinating evaluations of mathematics and science education programs across government, including agencies such as the National Institutes of Health (NIH). Since its establishment as part of NIH, the Office of Science Education (OSE) has engaged in the development of science curriculum supplements and other educational materials related to medicine and research. NSF and NIH will partner in this evaluation because both desire information on the effectiveness of curriculum materials and the effective means to collect this information. Over the years, there have been changes in the levels of funding for such instructional materials, reflecting changes in public support and concerns for such endeavors. However, concerns about student achievement in science have focused attention on the need for strong curriculum materials to support "systemic reform" (O'Day & Smith, 1993). NSF has responded to these needs by increasing support to research-based instructional materials that have been reviewed by content experts and found to be of high quality and meet the demands of the National Science Education Standards (NSES).

The proposed evaluation's study questions to be addressed are: Do the curriculum supplements promote better science education? Do the curriculum supplements reduce academic inequity? Do the curriculum supplements deepen students' understanding of the importance of basic research to advances in medicine and health? Do the curriculum supplements foster student analysis of the direct and indirect effects of scientific discoveries on their individual and public health? Do the curriculum supplements encourage students to take more responsibility for their own health?

The data to address these questions will be gathered using mixed methods. In addition to assessing student achievement data and using surveys, the mixed-methods evaluation model will include pre-observation questionnaires,

observations, and interviews of teachers. Interviews and observations, for example, will enable research evaluators to clarify vague responses in surveys or confirm findings. As part of the evaluation, pre- and post-assessment will be used for NIH Curriculum Supplement Series for Grades 9-12 to compare students' learning of scientific concepts and skills when a supplement of NIH materials will be used, with students who do not receive the NIH materials. Teacher and student surveys, interviews, site visits, document reviews, standardized performance measures, and student work samples will provide the basis for comparison.

2. Expected Respondents

The expected respondents and observation subjects are pre-college teachers and students.

3. Burden on the Public

The total annual burden hours for this collection are 6,952 for a maximum of 6,132 respondents, assuming an 80-100% response rate. The burden on the general public is small because the study is limited to a 10 percent random sample of the 12,000 teachers who have requested the materials being studied, a sample of impacted students, and 60 treatment and 60 comparison teachers.

Dated: May 28, 2002.

Suzanne H. Plimpton,
Reports Clearance Officer, National Science Foundation.

[FR Doc. 02-13775 Filed 5-31-02; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION

Notice of Permit Applications Received Under the Antarctic Conservation Act of 1978 (Pub. L. 95-541)

AGENCY: National Science Foundation.

ACTION: Notice of Permit Applications Received Under the Antarctic Conservation Act of 1978, Public Law 95-541.

SUMMARY: The National Science Foundation (NSF) is required to publish notice of permit applications received to conduct activities regulated under the Antarctic Conservation Act of 1978. NSF has published regulations under the Antarctic Conservation Act at Title 45 Part 670 of the Code of Federal Regulations. This is the required notice of permit applications received.

DATES: Interested parties are invited to submit written data, comments, or views with respect to this permit application by June 30, 2002. Permit applications may be inspected by

interested parties at the Permit Office, address below.

ADDRESSES: Comments should be addressed to Permit Office, Room 755, Office of Polar Programs, National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230.

FOR FURTHER INFORMATION CONTACT: Nadene G. Kennedy at the above address or (703) 292-7405.

SUPPLEMENTARY INFORMATION: The National Science Foundation, as directed by the Antarctic Conservation Act of 1978 (Pub. L. 95-541), has developed regulations that implement the "Agreed Measures for the Conservation of Antarctic Fauna and Flora" for all United States citizens. The Agreed Measures, developed by the Antarctic Treaty Consultative Parties, recommended establishment of a permit system for various activities in Antarctica and designation of certain animals and certain geographic areas as requiring special protection. The regulations establish such a permit system to designate Specially Protected Areas and Sites of Special Scientific Interest.

The applications received are as follows:

1. Applicant

[Permit Application No. 2003-001]

Randall Davis, Marine Biology, Texas A&M University, 5007 Avenue U, Galveston, TX 77551.

Activity for Which Permit Is Requested

Taking. The applicant proposes to capture by net up to 20 free ranging adult Weddell seals and approximately 10 Weddell seal pups. Animal-borne video system/data loggers will be attached to the seals to record diving behavior, physiology, and locomotor performance of marine mammals at depth. This research is part of a project studying Weddell seals to test hypothesis related to general foraging strategy, foraging location, searching mode, prey detection, and the cost of diving and foraging. All captured seals will be released.

Location

McMurdo Sound, Antarctica.

Dates

October 1, 2002 to February 15, 2003.

2. Applicant

[Permit Application No. 2003-002]

David Ainley, H.T. Harvey and Associates, 3150 Almaden Expressway, Suite 3150, San Jose, CA 95118.

Activity for Which Permit Is Requested

Take and Enter Antarctic Specially Protected Areas. The applicant proposes to enter the Adelie penguin rookeries in the Antarctic Specially Protected Areas of Beaufort Island (ASPA 105), Cape Royds, Ross Island (ASPA 121), and Cape Crozier, Ross Island (ASPA 124) to assess (1) reproductive success, annual mortality, and between colony movement rates, and, (2) the environmental context of the populations. Up to 1800 birds will be banded. Up to 70 adult birds will have stomach lavages to collect stomach contents for diet studies. An additional 100 adult birds will have either a satellite tag (PTT) attached to determine foraging area, or a time-depth-recorder (TDR) to determine foraging behavior. These instruments will be removed after 1-2 foraging dives and attached to other birds. Finally, approximately 15 adult birds at each site will have a geolocation tag (GLS) attached to their leg bands to determine the wintering area of each individual. These tags will be removed the following summer and the data downloaded for analysis.

Location

Beaufort Island (ASPA 105), Cape Royds, Ross Island (ASPA 121), and Cape Crozier, Ross Island (ASPA 124).

Dates

November 1, 2002 to February 15, 2005.

3. Applicant

[Permit Application No. 2003-003]

Paul J. Ponganis, Center for Marine Biotechnology & Biomedicine, Scripps Institution of Oceanography, University of California, San Diego, La Jolla, CA 92093-0204.

Activity for Which Permit Is Requested

Take, Enter an Antarctic Specially Protected Areas, and Import into the United States. The applicant proposes to enter the Emperor penguins colonies at Antarctic Specially Protected Areas of Beaufort Island (ASPA 105), and Cape Crozier, Ross Island (ASPA 124) to

conduct a census of the bird population. The colonies were severely affected by the B15 iceberg in 2001; there were no living emperors at Cape Crozier, and the census was extremely reduced at Beaufort Island. Access to these sites will allow continuation of the census of these populations from previous research, and will provide continuity with planned censuses in the future. The B15 iceberg has become a natural experiment to evaluate the fidelity of Emperor penguins to colony sites and to examine the resilience of Emperor penguins to short-term disasters. The applicant also proposes to salvage up to 20 Emperor carcasses, if found, for return to the States for autopsy/specimen collection/anatomical study.

Location

Beaufort Island (ASPA 105), and Cape Crozier, Ross Island (ASPA 124).

Dates

October 1, 2002 to October 1, 2003.

4. Applicant

[Permit Application No. 2003-004]

William R. Fraser, Polar Oceans Research Group, P.O. Box 368, Sheridan, MT 59749.

Activity for Which Permit Is Requested

Take. The applicant, as a participant in a long-term ecological research program in the western Antarctic Peninsula, proposes to capture, collect samples, weigh, band and attach transmitters to a number of penguin and seabird species to assess how annual environmental variability affects seabird diets, breeding success, growth rates, survival, recruitment, behavior, population trends, foraging success and seasonal dispersal. The methods and species are listed in the chart below.

Manner of Taking By Capture and Release For (1) Census populations and/or mark breeding territories; (2) capture, mark, band and/or weight adults, chicks and eggs; (3) obtain diet data through stomach lavage, by screening the contents of terrestrial sediment traps and/or by collecting naturally regurgitated prey items; (4) place transmitters on individuals; (5) place instrumented artificial eggs under incubating individuals; and (6) use GIS/GPS technologies to update existing breeding habitat maps.

SPECIMEN INFORMATION

Species	Number	Age	Sex	Size	Condition	Ultimate Disposition
Adelie Penguin	600	AD/CK	Unknown		Take by 1,2,3,4,5,6	Released
Chinstrap	70	Adult	"		Take by 1,3,4	"

SPECIMEN INFORMATION—Continued

Species	Number	Age	Sex	Size	Condition	Ultimate Disposition
Penguin	70	Adult	“		Take by 1,3,4	“
Gentoo	100	AD/CK	“		Take by 1,2,3,4	“
Penguin	500	AD/CK	“		Take by 1,2,3,4	“
Brown Skua	1600	AD/CK	“		Take by 1,2,3,4,5	“
South Polar	250	Adult	“		Take by 1,3	“
Skua	250	AD/CK	“		Take by 1,2,3	“
Southern Giant Petrel Blue-Eyed Shag Kelp Gulls						

Location

Palmer Station, Anvers Island vicinity, and Marguerite Bay and vicinity.

Dates

October 1, 2002 to September 30, 2007.

5. Applicant

[Permit Application No. 2003–005]

William R. Fraser, Polar Oceans Research Group, P.O. 368, Sheridan, MT 59749.

Activity for Which Permit Is Requested

Take, and Enter Antarctic Specially Protected Areas, and Import into the United States. The applicant is a participant in two long-term ecological research (LTER) programs in the western Antarctic Peninsula region. The focus of the research is to relate variability in seabird ecology to changes in the physical and biological environment, especially sea ice, snow conditions and prey availability. Studies will assess how annual environmental variability affects seabird diets, breeding success, growth rates, survival and recruitment, behavior, population trends, foraging success and seasonal dispersal. To accomplish these objective, the applicant proposes to: (1) Census populations and mark breeding territories; (2) capture, mark, and weight a select number of adults, chicks and eggs; (3) obtain diet samples through stomach lavage, by screening the contents of terrestrial sediment taps and collecting naturally regurgitated prey items; (4) place transmitters on individuals to develop foraging and dispersal profiles; (5) place instrumented artificial eggs under incubating individuals to measure heart-rate and body temperature; and, (6) use GIS/GPS technologies to update existing breeding habitat maps * * * The applicant proposes to enter the

following Antarctic Specially Protected Areas:

Dion Islands, Marguerite Bay (ASPAs 107)—This site has the only known breeding population of Emperor Penguins in the western Antarctic Peninsula. The applicant proposes to conduct a census in order to update the population data available on this species, since a census has not been conducted in more than two decades.

Litchfield Island, Arthur Harbor (ASPAs 113) and Biscoe Point, Anvers Island (ASPAs 139)—These two sites near Palmer Station, Anvers Island, serve as research control areas. The applicant proposes to enter Litchfield Island 2–3 times a week and Biscoe Point up to 5 times a season, for 4–5 hours each visit to census, brand, weight, collect diet samples of seabirds and conduct habitat mapping. Heavily vegetated areas will be avoided.

Avian Island, Marguerite Bay (ASPAs 117)—This site serves as an alternate site in the Marguerite Bay region for obtaining Adelie Penguin diet samples and censuses during the annual Palmer LTER research cruise. The applicant proposes to obtain diet samples from 20–25 penguins to determine trends in diets and populations of this species in the Marguerite Bay region to determine if it differs from those in the Palmer Station region due to differences in annual sea ice and snow conditions.

Lagotellerie Island, Marguerite Bay (ASPAs 115)—This site has a population of Adelie penguins that could be used as an alternate sampling area in the event access to Avian Island is impeded by ice or weather.

Location

Dion Islands, Marguerite Bay (ASPAs 107); Litchfield Island, Arthur Harbor (ASPAs 113); Lagotellerie Island, Marguerite Bay (ASPAs 115); Avian Island, Marguerite Bay (ASPAs 117); and, Biscoe Point, Anvers Island (ASPAs 139).

Dates

October 1, 2002 to September 30, 2007.

6. Applicant

[Permit Application No. 2003–006]

William R. Fraser, Polar Oceans Research Group, P.O. 368, Sheridan, MT 59749.

Activity for Which Permit is Requested

Take, and Import into the United States. The applicant is a participant in two long-term ecological research (LTER) programs in the western Antarctic Peninsula region, and during the course of normal research occasionally encounters specimens of various species (penguins, seabirds, etc.) that have died of natural causes. The application proposes to salvage and preserve these specimens for import into the U.S. and disposition at teaching and research institutions.

Location

Palmer Station, Anvers Island and vicinity.

Dates

October 1, 2002 to September 30, 2007.

7. Applicant

[Permit Application No. 2003–007]

Mark Buckley, Multimedia Manager, Raytheon Polar Services Company, 7400 S. Tucson Way, Centennial, CO 80112.

Activity for Which Permit is Requested

Enter Antarctic Specially Protected Areas. The applicant is a member of Raytheon Polar Services Company, which is the prime civilian contractor to the U.S. Antarctic Program (USAP), and is tasked by the National Science Foundation (NSF) with video production in Antarctica. During the past year or so, unprecedented ice conditions had adverse impact on penguin colonies in the McMurdo Sound and Ross Sea region. With the

recent calving of C-19 and the influence of B-15, it is expected that scientific interest and activities, as well as public interests will continue. Therefore the applicant proposes his staff of videographers be permitted to enter the Antarctic Specially Protected Areas of Beaufort Island (ASPA 105), New College Valley, Cape Bird (ASPA 116), Cape Royds, Ross Island (ASPA 121), and, Cape Crozier, Ross Island (ASPA 124) for the purpose of taking "low impact" documentary film footage. The video team will accompany a similarly permitted researcher into the sites to film scientific research. Access to the sites will be dependant upon operational, scientific conditions, and availability of transportation.

Location

Beaufort Island (ASPA 105), New College Valley, Cape Bird (ASPA 116), Cape Royds, Ross Island (ASPA 121), and, Cape Crozier, Ross Island (ASPA 124).

Dates

October 1, 2002 to February 14, 2003.

Nadene G. Kennedy,

Permit Officer, Office of Polar Programs.

[FR Doc. 02-13831 Filed 5-31-02; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION

Committee on Equal Opportunities in Science and Engineering; Notice of Meeting

In accordance with the Federal Advisory Committee Act Public Law 92-463, as amended, the National Science Foundation announces the following meeting:

Name: Committee on Equal Opportunities in Science and Engineering (1173).

Date/Time: June 20, 2002, 8 am-5 pm and June 21, 2002, 8 am-2 pm.

Place: Room 1235, National Science Foundation, 4201 Wilson Blvd., Arlington, VA.

Type of Meeting: Open.

Contact Person: John Wilkinson, Executive Liaison to CEOSE, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230 Phone (703) 292-8180.

Minutes: May be obtained from the Executive Liaison at the above address.

Purpose of Meeting: To provide advice and recommendations concerning broadening participation in science and engineering.

Agenda

Thursday, June 20, 2002

8 a.m.—Light refreshments with NSF Staff
8:30 a.m.—Welcome; Approval of February 2002 Minutes
8:45 a.m.—Report of NSF Executive Liaison

9 a.m.—Discussion of Committee Agenda
9:15 a.m.—Discussion of Mentoring Conference
9:45 a.m.—Update on Science Resources Statistics Activities
10:15 a.m.—Break
10:30 a.m.—Discussion on Successful Approaches to Increasing Minority Participation in Science and Engineering Careers
12 Noon—Lunch
1 p.m.—Discussion of Decadal Plan for Environmental Research and Education at NSF
1:30 p.m.—Discussion on Merit Review Criterion 2
3 p.m.—Break
3:30 p.m.—Committee Discussion: Report Planning for 2002 CEOSE Report
5 p.m.—Adjourn for the day

Friday, February 8

8 a.m.—Light refreshments
8:30 a.m.—Committee Discussion: —Items for the Deputy Director, NSFA Status of Cross-Cutting Issues
10 a.m.—Break
10:15 a.m.—Discussion with the Deputy Director, NSF—Dr. Joseph Bordogna
11 a.m.—Committee Discussion: Report Planning for 2002 CEOSE Report
12 Noon—Lunch
1 p.m.—Committee Discussion: Wrap-up and Future Directions
2 p.m.—Adjourn

Dated: May 28, 2002.

Susanne Bolton,

Committee Management Officer.

[FR Doc. 02-13773 Filed 5-31-02; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION

Advisory Committee for Small Business Industrial Innovation; Notice of Meeting

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting:

Name: Advisory Committee for Small Business Industrial Innovation (61).

Dates/Time: June 18-19, 2002, 8:30 a.m.-5 p.m.

Type of Meeting: Open.

Place: Room 1235, National Science Foundation, 4201 Wilson Blvd., Arlington, VA.

Contact Person: Dr. Joseph Hennessey, Acting Director, (703) 292-7069, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

Minutes: May be obtained from the contact person listed above.

Purposes of Meeting: To provide advice and recommendations concerning research programs pertaining to the small business community.

AGENDA

June 18, 2002, Room 1235

8:30 a.m.—Introductions
8:35 a.m.—Welcome
8:45 a.m.—Overview of the Program
10 a.m.—Commercialization Success
10:30 a.m.—Break
11 a.m.—OLPA
12:00 noon—Lunch
1 p.m.—Phase I Review Process
3:30 p.m.—Phase II Review Process
5 p.m.—Adjourn

June 19, 2002, Room 1235

8:30 a.m.—Commercialization Planning
10:30 a.m.—Break
10:45 a.m.—Discussion and Preparation of Committee Report
12:00 noon—Working Lunch
3:30 p.m.—Feedback from the Committee
5 p.m.—Adjourn

Dated: May 28, 2002.

Susanne Bolton,

Committee Management Officer.

[FR Doc. 02-13774 Filed 5-31-02; 8:45 am]

BILLING CODE 7555-01-M

RAILROAD RETIREMENT BOARD

Proposed Collection; Comment Request

SUMMARY: In accordance with the requirement of Section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995 which provides opportunity for public comment on new or revised data collections, the Railroad Retirement Board (RRB) will publish periodic summaries of proposed data collections.

Comments are invited on: (a) Whether the proposed information collection is necessary for the proper performance of the functions of the agency, including whether the information has practical utility; (b) the accuracy of the RRB's estimate of the burden of the collection of the information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; (d) ways to minimize the burden related to the collection of information on respondents, including the use of automated collection techniques or other forms of information technology.

Title and Purpose of information collection:

Medical Reports; OMB 3220-0038

Under Sections 2(a)(1)(iv), 2(a)(2) and 2(a)(3) of the Railroad Retirement Act (RRA), annuities are payable to qualified railroad employees whose physical or mental condition is such that they are unable to (1) work in their regular occupation (occupational disability); or (2) work at all (permanent total disability). The requirements for establishment of disability and proof of