

Standards, Regulations, and Variances, MSHA, at [triebsch.george@dol.gov](mailto:triebsch.george@dol.gov) (email); 202-693-9440 (voice); or 202-693-9441 (facsimile). These are not toll-free numbers.

**SUPPLEMENTARY INFORMATION:**

Underground coal mine operators must designate at least two mine rescue teams to provide mine rescue coverage at an underground coal mine at all times when miners are underground. The MINER Act requires coal mine operators to annually certify the qualifications of these designated teams. MSHA provides the criteria for certifying the qualifications of coal mine rescue teams under 30 CFR 49.50. The MINER Act requires MSHA to update these criteria every 5 years. The revised instruction guides do not change these criteria.

Initial criteria to certify the qualifications of mine rescue teams include: (1) Team is available at all times when miners are underground; (2) Except where alternative compliance is permitted, team has five members and one alternate; (3) Members have experience working in an underground coal mine; (4) Team is available within 1 hour ground travel time from the mine rescue station to the mine; (5) Appropriate mine rescue equipment is provided, inspected, tested, and maintained; (6) Members are physically fit; and (7) Members have completed initial training.

Annual criteria to maintain mine rescue team certification include: (1) Members are properly trained annually; (2) Members are familiar with the operations of each covered mine; (3) Members participate in at least two local mine rescue contests annually; (4) Members participate in mine rescue training at each covered mine; and (5) Members are knowledgeable about the operations and ventilation of each covered mine.

Existing § 49.18(b)(4) requires advanced mine rescue training and procedures as prescribed by MSHA's Office of Educational Policy and Development (EPD). Under this section, EPD prescribes Instruction Guide IG7, "Advanced Mine Rescue Training—Coal Mines", which includes best practices, handouts, visuals, and text materials for the classroom and activities or exercises for practice using equipment and developing teamwork. MSHA revised this instruction guide to add realistic hands-on exercises for skills training on equipment.

The existing lessons and exercises from the current Instruction Guide IG7 were reorganized. The materials for classroom training are retained as Instruction Guide IG7, "Advanced Mine

Rescue Training—Coal Mines", and the practice exercises are moved to new Instruction Guide IG7a, "Advanced Skills Training—Activities for Coal Mine Rescue Teams". These revised instruction guides will assist coal mine rescue team trainers in providing team members with the necessary knowledge and skills to respond effectively in the event of an emergency.

MSHA is requesting comments on revised Instruction Guides IG7 and IG7a to improve the quality and effectiveness of instruction and skills training for mine rescue teams. The revised instruction guides are posted on [www.regulations.gov](http://www.regulations.gov) and on the Agency's Web site at <http://www.msha.gov/MineRescue/Training/TeamTraining.asp>.

**Authority:** 30 U.S.C. 811, 825(e).

Dated: September 16, 2013.

**Joseph A. Main,**

*Assistant Secretary of Labor for Mine Safety and Health.*

[FR Doc. 2013-22804 Filed 9-23-13; 8:45 am]

**BILLING CODE 4510-43-P**

**NATIONAL SCIENCE FOUNDATION**

**Notice of Permits Issued Under the Antarctic Conservation Act of 1978**

**AGENCY:** National Science Foundation.

**ACTION:** Notice of permits issued under the Antarctic Conservation of 1978, Public Law 95-541.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permits issued under the Antarctic Conservation Act of 1978. This is the required notice.

**FOR FURTHER INFORMATION CONTACT:**

Adrian Dahood, ACA Permit Officer, Division of Polar Programs, Rm. 755, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. Or by email: [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov)

**SUPPLEMENTARY INFORMATION:** On August 7, 2013 the National Science Foundation published a notice in the **Federal Register** of a permit application received. After carefully considering all comments received and responses from the applicant, the permit was issued on September 18, 2013 to: Eric Stangeland, Quark Expeditions Permit No. 2014-006

**Nadene G. Kennedy,**

*Polar Coordination Specialist, Division of Polar Programs.*

[FR Doc. 2013-23178 Filed 9-23-13; 8:45 am]

**BILLING CODE 7555-01-P**

**NATIONAL SCIENCE FOUNDATION**

**Notice of Permits Issued Under the Antarctic Conservation Act of 1978**

**AGENCY:** National Science Foundation.

**ACTION:** Notice of permits issued under the Antarctic Conservation of 1978, Public Law 95-541.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permits issued under the Antarctic Conservation Act of 1978. This is the required notice.

**FOR FURTHER INFORMATION CONTACT:**

Adrian Dahood, ACA Permit Officer, Division of Polar Programs, Rm. 755, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. Or by email: [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov)

**SUPPLEMENTARY INFORMATION:** On July 12, 2013 the National Science Foundation published a notice in the **Federal Register** of a permit application received. After carefully considering all comments received and responses from the applicant, the permit was issued on September 18, 2013 to: Ted Cheeseman, Permit No. 2014-004.

**Nadene G. Kennedy,**

*Polar Coordination Specialist, Division of Polar Programs.*

[FR Doc. 2013-23179 Filed 9-23-13; 8:45 am]

**BILLING CODE 7555-01-P**

**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 a 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 October 24, 2013. This application may be inspected by interested parties at the Permit Office, address below.

**ADDRESSES:** Comments should be addressed to Permit Office, Room 755, Division of Polar Programs, National

Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230.

**FOR FURTHER INFORMATION CONTACT:**

Adrian Dahood, ACA Permit Officer, at the above address or [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov) or (703) 292-7149.

**SUPPLEMENTARY INFORMATION:** The National Science Foundation, as directed by the Antarctic Conservation Act of 1978 (Pub. L. 95-541), as amended by the Antarctic Science, Tourism and Conservation Act of 1996, has developed regulations for the establishment of a permit system for various activities in Antarctica and designation of certain animals and certain geographic areas a requiring special protection. The regulations establish such a permit system to designate Antarctic Specially Protected Areas.

**Application Details**

1. *Applicant:* Allyson Comstock, Opelika, AL. *Permit Application:* 2014-019

*Activity for Which Permit is Requested:*

*ASPA Entry and Take (salvage); The applicant is an artist funded by the National Science Foundation's Antarctic Artist & Writer's program. The applicant is seeking a permit to be able to enter ASPA 149 Cape Shirreff to take photos to inspire future artwork. If approved, the applicant would be accompanied in by experienced field staff who are familiar with the environmental sensitivities of the Area and would ensure that the applicant acts in accordance with the management plan for the Area.*

*The applicant also seeks permission to salvage shed bird feathers while at Cape Shirreff ASPA 149. The salvaged feathers would be used as reference materials for drawings that would be publicly displayed. All materials collected would be salvaged; the applicant would not interact with live animals to collect feathers.*

*None of the activities described above would disturb native birds and mammals*

*Location:* ASPA 149 Cape Shirreff

*Dates:* October 26, 2013 to December 20, 2013

**Nadene G. Kennedy,**

*Polar Coordination Specialist, Division of Polar Programs.*

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**NATIONAL SCIENCE FOUNDATION**

**Notice of Meeting; NSF Synchrotron Subcommittee of the Advisory Committee for Mathematical and Physical Sciences**

The National Science Foundation (NSF) announces the following meeting.

**NAME:** NSF Synchrotron Subcommittee Workshop (66)

**DATE AND TIME:** October 8, 2013 8:00 a.m.—5:00 p.m.; October 9, 2013 8:00 a.m.—11:30 a.m.

**PLACE:** Residence Inn, 650 N. Quincy St., Arlington, VA 22203.

**TYPE OF MEETING:** Open.

**CONTACT PERSON:** Dr. Mary Galvin, Division Director, Division of Materials Research, Room 1065, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230, Telephone: (703) 292-8562.

**PURPOSE OF MEETING:** To gather information needed to advise the Division of Materials Research on its facilities portfolio including the role it and NSF should play in synchrotron science.

**AGENDA:**

**Tuesday, October 8, 2013**

8:45 a.m.—10:15 a.m.: Overview

1. Summary of NSF Mat 2022 report findings—Murray Gibson, Northeastern University

2. Importance of materials research facilities for US research and economy, including the Department of Energy (DOE) role in materials facilities—Patricia Dehmer, DOE

3. Biology/biomaterials talk—importance of materials research facilities—Pupa Gilbert, University of Wisconsin

4. Nanoscience/technology talk—importance of materials research facilities—Stephen Campbell, University of Minnesota

10:15 a.m.—10:30 a.m.: Coffee break

10:30 a.m.—12:00 p.m.: DMR facilities and materials research needs, funded major facilities past and present

5. NSF DMR funded materials facilities, past accomplishments and future potential\*

a. Cornell High Energy Synchrotron Source (CHESS)—Joel Brock, Cornell University

b. National High Magnetic Field Laboratory (NHFML)—Gregory Boebinger, Florida State University  
12:00—1:00 p.m.: Lunch

1:00 p.m.—2:30 p.m.: DMR funded major facilities past and present

6. NSF DMR funded materials facilities, past accomplishments and future potential

a. National Institute of Standards and Technology (NIST) partnership—Rob Dimeo, NIST

b. Synchrotron Radiation Center (SRC) at University of Wisconsin-Madison—Tai Chiang, University of Illinois at Urbana-Champaign General discussion

2:30 p.m.—3:00 p.m.: Coffee Break

3:00 p.m.—5:00 p.m.: Novel materials facilities concepts and opportunities and how they are currently funded in the US

7. Future of higher harmonic light sources and their applications in materials science—Margaret Murnane, Joint Institute for Laboratory Astrophysics (JILA)

8. Potential new light sources—overview of field, especially mid-scale accelerator based light sources and compact light sources—Chan Joshi, University of California at Los Angeles

9. Theory and Simulation of materials—what facilities or infrastructure is needed to advance the field faster—Peter Voorhees, Northwestern University

5:00 p.m.—5:45 p.m.: Community input and general open discussion

**Wednesday, October 9, 2013**

8:00 a.m.—10:30 a.m.: International materials facilities developments

10. International picture—new developments in light sources—Yves Petroff, Brazilian Synchrotron Light Laboratory (LNLS)

11. International picture—new developments in Transmission Electron Microscope (TEM) facilities—Dorte Jensen, Riso and Nigel Browning, Pacific Northwest National Laboratory (PNNL)

12. International picture—materials synthesis and characterization—Hard Materials—Charles Ahn, Yale University

13. International picture—materials synthesis and characterization—Soft Materials—TBD

10:30—11:30 a.m.: Community input and general open discussion

Dated: September 19, 2013.

**Susanne Bolton,**

*Committee Management Officer.*

[FR Doc. 2013-23139 Filed 9-23-13; 8:45 am]

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