

the experts emphasized the critical importance of environmental complexity rather than focusing only on the square footage of living space per chimpanzee as a means of ensuring species-typical behavior. The experts also noted that different animals/groups within a colony would require different stimuli to exhibit species-typical behavior. The experts reiterated the difficulty in identifying square footage requirements, including lack of published literature in this area. Based on their experience in behavioral management of chimpanzees, as veterinarians and by directing and operating facilities for captive research chimpanzees, several of the experts recommended minimum space needed to promote species-typical behavior. The recommendations ranged from 150–500 ft² of living space per animal.

Conclusion

The literature review demonstrated there is little published literature containing quantitative scientific data that can be used to support a determination of the minimum space density (horizontal surface area per animal) needed to support an EAE for captive chimpanzees. Furthermore, other aspects of enclosure design, such as complexity and vertical height, are considered by many experts to be more important than space density with respect to chimpanzee well-being and the promotion of species-specific behavior.

Based on both the literature review and recommendations from individual experts, it is clear that published guidelines for minimum living space area for captive research chimpanzees are variable. Encouraging species-typical behavior among chimpanzees does not simply result from providing a minimum square footage of living space per animal. Rather, the characteristics (complexity) of the space as well as enrichment opportunities have a significant effect on promoting species-typical behavior. The environment should take into account the individual chimpanzees' and colony characteristics, including social, health, age, and biological factors.

Based on the recommendation from the Council of Councils, the information contained in the literature review, and additional input from scientific, veterinary, and facility experts, the NIH has decided that the density of the primary living space of chimpanzees should be at least 250 ft² per chimpanzee. This decision supplements the agency decisions on the nine EAE recommendations made by the Council of Councils (see EA1, EA3–10 at

http://dpcpsi.nih.gov/sites/default/files/NIH_response_to_Council_of_Councils_recommendations_62513.pdf). The NIH expects the facilities it supports to monitor the chimpanzees for species-typical behavior.

The NIH has prepared procedural guidance and technical assistance for researchers, facility staff, and agency staff to ensure proper implementation of the agency's decisions. Investigators should follow guidance (see NOT–OD–14–024 at <http://www.grants.nih.gov/grants/guide/notice-files/NOT-OD-14-024.html>) regarding the submission of applications, proposals, or protocols for research involving chimpanzees.

Dated: February 25, 2014.

Francis S. Collins,

Director, National Institutes of Health.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood Institute; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the Board of Scientific Counselors, NHLBI.

The meeting will be closed to the public as indicated below in accordance with the provisions set forth in section 552b(c)(6), Title 5 U.S.C., as amended for the review, discussion, and evaluation of individual intramural programs and projects conducted by the National Heart, Lung, and Blood Institute, including consideration of personnel qualifications and performance, and the competence of individual investigators, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: Board of Scientific Counselors, NHLBI.

Date: May 5–7, 2014.

Time: 6:00 p.m. to 5:30 p.m.

Agenda: To review and evaluate personal qualifications and performance, and competence of individual investigators.

Place: Bethesda North Marriott Hotel & Conference Center, 5701 Marinelli Road, Bethesda, MD 20852.

Contact Person: Robert S Balaban, Ph.D., Scientific Director, Division of Intramural Research, NHLBI, National Institutes of Health, Building 10, CRC, 4th Fl., Room 4–1581, 10 Center Drive, Bethesda, MD 20892, 301–496–2116.

Any interested person may file written comments with the committee by forwarding

the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

Information is also available on the Institute's/Center's home page: www.nhlbi.nih.gov/meetings/index.htm, where an agenda and any additional information for the meeting will be posted when available.

(Catalogue of Federal Domestic Assistance Program Nos. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS).

Dated: April 4, 2014.

Michelle Trout,

Program Analyst, Office of Federal Advisory Committee Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Center for Complementary & Alternative Medicine; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the National Advisory Council for Complementary and Alternative Medicine.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: National Advisory Council for Complementary and Alternative Medicine NCCAM Advisory Council Board.

Date: June 6, 2014.

Closed: 8:30 a.m. to 10:00 a.m.

Agenda: To review and evaluate grant applications.