DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood Institute (NHLBI); Opportunity for a Cooperative Research and Development Agreement (CRADA) for the Development of a Tilting Bed That Allows Horizontal Positioning and Lateral Rotation

AGENCY: National Institutes of Health, Public Health Services, DHHS

ACTION: Notice.

SUMMARY: The Pulmonary-Critical Care Medicine Branch (P-CCMB) in National Heart, Lung, and Blood Institute (NHLBI) conducts research on lung disease that includes development of new technologies for the prevention of nosocomial pneumonia and ventilator-induced injury. Ventilator-associated pneumonia is the leading cause of death from nosocomial infection during mechanical ventilation with an endotracheal tube (ETT). The ETT is believed to facilitate bacterial colonization of the lower respiratory tract.

NHLBI has been investigating the role of horizontal orientation of the endotracheal tube and neck on bacterial colonization of the respiratory tract. Current clinical practice is to position the patient semirecumbent by elevating the head of the bed, to reduce gastric regurgitation. NHLBI tested whether horizontal positioning of the ETT and of the trachea combined with intermittent lateral body rotation could facilitate spontaneous removal (without tracheal suctioning) of contaminated respiratory tract secretion, whether bacteria had been introduced into the trachea during intubation or via leakage around the inflated ETT cuff. The ETT and trachea are kept horizontal through a tilting bed that allows lateral body rotation.

NHLBI’s studies indicate that maintaining a patient’s trachea and tracheal tube in the horizontal plane could be expected to: (1) Obviate the need for tracheal tube suctioning; (2) prevent tracheal/bronchial and pulmonary colonization with oropharyngeal/gastric flora; and (3) in a patient with pre-existing pneumonia, reduce incidence of antibiotic-resistant bacterial infection, as the gastric/oropharyngeal source of such bacteria is eliminated.

This CRADA project is with the Pulmonary and Cardiac Assist Devices Section within P-CCMB in NHLBI. The NHLBI is seeking capability statements from parties interested in entering into a CRADA to further develop, evaluate, and commercialize a tilting bed that allows lateral body rotation. The goals are to use the respective strengths of both parties to achieve the following: (1) Assistance in conducting clinical trials to determine the performance of the tilting bed in the prevention of ventilator-associated pneumonia and improvement of care of patients intubated and mechanically ventilated; and (2) manufacture of the tilting bed. The collaborator may also be expected to contribute financial support under this CRADA for personnel, supplies, travel, and equipment to support these projects.

Reference paper: Bacterial colonization of the respiratory tract following tracheal intubation—Effect of gravity: An experimental study. M. Panagiad, MD; L. Berra, MD; G. Greco, MD; M. Stylianou, PhD; T. Kolobow, MD; Crit Care Med 2003;31:729–737.

CRADA capability statements should be submitted to Marianne Lynch, JD, Technology Transfer Specialist, National Heart, Lung, and Blood Institute (NHLBI), Office of Technology Translation and Development, National Institutes of Health, 6705 Rockledge Drive, Suite 6017, MSC 7992, Bethesda, MD 20892–7992; Phone: (301) 594–4094; Fax: (301) 594–3080; E-mail: Lynchm@nhlbi.nih.gov. Capability statements must be received on or before 60 days after Federal Register Notice is published.


Carl Roth,
Director, Office of Science and Technology.

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Mental Health; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of the following meetings.

The meetings will be closed to the public in accordance with the provisions set forth in sections 5 U.S.C. 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 Institute of Mental Health Special Emphasis Panel Review of R34 Applications.

Date: June 22, 2004.

Time: 10 a.m. to 11 a.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call)

Contact Person: Martha Ann Carey, PhD, RN, Scientific Review Administrator, Division of Extramural Activities, National Institute of Mental Health, NIH, Neuroscience Center, 6001 Executive Blvd., Room 6151, MSC 9608, Bethesda, MD 20892–9608, 301–445–1606, mcarey@mail.nih.gov.

This notice is being published less than 15 days prior to the meeting due to the timing limitations imposed by the review and funding cycle.

Name of Committee: National Institute of Mental Health Special Emphasis Panel Mental Health Interventions for Children, Families and Eating Disorders.

Date: July 8, 2004.

Time: 9 a.m. to 5 p.m.

Agenda: To review and evaluate grant applications.

Place: St. Gregory Hotel, 2033 M Street, NW, Washington, DC 20036.

Contact Person: Marina Broitman, PhD, Scientific Review Administrator, Division of Extramural Activities, National Institute of Mental Health, NIH, Neuroscience Center, 6001 Executive Blvd., Room 6153, MSC 9608, Bethesda, MD 20892–9608, 301–402–8152, mbroitman@mail.nih.gov.

Name of Committee: National Institute of Mental Health Special Emphasis Panel Attentional Research Centers.

Date: July 12, 2004.

Time: 10 a.m. to 3 p.m.

Agenda: To review and evaluate grant applications.
DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of a meeting of the Board of Scientific Counselors, National Institute of Neurological Disorders and Stroke.

The meeting will be open 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 contract proposals and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the contract proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: National Institute of Neurological Disorders and Stroke Special Emphasis Panel, NINDS Clinical Collaboration Research Facility.

Date: June 14, 2004.

Time: 8 a.m. to 6 p.m.

Agenda: To review and evaluate contract proposals.

Place: Bethesda Marriott, 5151 Pooks Hill Road, Bethesda, MD 20814.

Contact Person: Katherine Woodbury, PhD., Scientific Review Administrator, Scientific Review Branch, NINDS/NIH/DHHS, Neuroscience Center, 6001 Executive Blvd, Suite 3208, MSC 9529, Bethesda, MD 20892–9529. (301) 496–5980. kw470@nih.gov.

This notice is being published less than 15 days prior to the meeting due to the timing limitations imposed by the review and funding cycle.

(Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS.)

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of a meeting of the Board of Scientific Counselors, National Institute of Neurological Disorders and Stroke.

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 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 Institute of Neurological Disorders and Stroke, 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, National Institute of Neurological Disorders and Stroke.

Date: June 6–8, 2004.

Closed: June 6, 2004, 7 p.m. to 10 p.m.

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

Place: Hyatt Regency Bethesda, One Bethesda Metro Center, 7400 Wisconsin Avenue, Bethesda, MD 20814.

Open: June 7, 2004, 8:30 a.m. to 11:35 a.m.

Agenda: To discuss program planning and program accomplishments.