

cough sound index (CSI) can be used in diagnostic applications.

Auscultatory Training System

Walter McKinney, et al.

U.S. Patent Application No. 10/135,964 filed April 29, 2002, Canadian Application No. 2,382,786 filed April 22, 2002

CDC Reference No. I-037-00/0—Research Tool

This auscultatory training apparatus includes a database of prerecorded physiological sounds (e.g., lung, bowel, or heart sounds) stored on a computer for playback. A user friendly, graphical interface software program is stored on the computer for use with a conventional computer mouse. The program allows a user to select prerecorded sounds for playback. In addition, the program is operable to generate an inverse model of the playback system in the form of a digital filter. The inverse model processes the selected sound to cancel the distortions of the playback system so that the sound is accurately reproduced. The program also permits the extraction of a specific sound component from a prerecorded sound so that only the extracted sound component is audible during playback. As well as a teaching tool to instruct the user on various body sounds, this invention could have applications as a diagnostic screening tool and as a telemedicine tool.

Imaging/Motorized Nail Press: Automated Instrumentation for the Assessment of Peripheral Vascular Function

Anne M. Brumfield, et al.

U.S. Patent Application No. 60/578,174 filed on June 8, 2004, Australia Patent Application No. 2004203059 filed on July 6, 2004, Canada Patent Application No. 2,474,841

CDC Reference No. I-028-02—Research Tool

The nail press test has been used by clinicians to assess peripheral circulatory function. Following a ten second press of the fingernail, a visual determination of the rate of blood flow return is made, as evidenced by the return of color to the fingernail. Far from being standardized, the results of the test are qualitative and subjective. New instrumentation representing an automated version of the nail press has been built which utilizes a computer-controlled linear stepper motor to apply the desired force level. Blood volume and force measurements are acquired before, during and after the press. This

non-invasive and painless test provides physiologically relevant data while standardizing the force application, press duration, and the criteria for determining the precise time of blood flow return.

Dated: February 18, 2005.

James D. Seligman,

Associate Director for Program Services, Centers for Disease Control and Prevention.

[FR Doc. 05-3891 Filed 2-28-05; 8:45 am]

BILLING CODE 4163-18-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

The Board of Scientific Counselors, National Institute for Occupational Safety and Health (NIOSH)

In accordance with section 10(a)(2) of the Federal Advisory Committee Act (Pub. L. 92-463), the Centers for Disease Control and Prevention (CDC) announces the following committee meeting:

Name: Board of Scientific Counselors (BSC), NIOSH.

Time and Date: 9 a.m.–3 p.m., March 23, 2005.

Place: Washington Court Hotel on Capital Hill, 525 New Jersey Avenue, NW., Washington, DC 20001, telephone (202) 628-2100, fax (202) 879-7918.

Status: Open to the public, limited only by the space available. The meeting room accommodates approximately 50 people.

Purpose: The Secretary, the Assistant Secretary for Health, and by delegation the Director, Centers for Disease Control and Prevention, are authorized under Sections 301 and 308 of the Public Health Service Act to conduct directly or by grants or contracts, research, experiments, and demonstrations relating to occupational safety and health and to mine health. The Board of Scientific Counselors, NIOSH shall provide guidance to the Director, NIOSH on research and preventions programs. Specifically, the Board shall provide guidance on the Institute's research activities related to developing and evaluating hypotheses, systematically documenting findings and disseminating results. The Board shall evaluate the degree to which the activities of the NIOSH: (1) Conform to appropriate scientific standards, (2) address current, relevant needs, and (3) produce intended results.

Matters to be Discussed: Agenda items include a report from the Director of NIOSH; proposed revisions to the National Occupational Research Agenda; collaborations with the Occupational Safety and Health Administration; occupational safety and health surveillance; the health hazard evaluation program; and closing remarks.

Agenda items are subject to change as priorities dictate.

For Further Information Contact: Roger Rosa, Executive Secretary, BSC, NIOSH, CDC, 200 Independence Avenue, SW., Room 715H, Washington, DC 20201, telephone (202) 205-7856, fax (202) 260-4464.

The Director, Management Analysis and Services Office, has been delegated the authority to sign **Federal Register** notices pertaining to announcements of meetings and other committee management activities for both the Centers for Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry.

Dated: February 25, 2005.

Alvin Hall,

Director, Management Analysis and Services Office, Centers for Disease Control and Prevention.

[FR Doc. 05-3889 Filed 2-28-05; 8:45 am]

BILLING CODE 4163-19-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Center for Complementary & Alternative Medicine; 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 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 Center for Complementary and Alternative Medicine Special Emphasis Panel; RFA AIDS.

Date: March 28, 2005.

Time: 8 a.m. to 5 p.m.

Agenda: To review and evaluate grant applications.

Place: Bethesda Marriott Suites, 6711 Democracy Boulevard, Bethesda, MD 20817.

Contact Person: Jeanette M. Hosseini, Scientific Review Administrator, National Center for Complementary and Alternative Medicine, 6707 Democracy Blvd, Suite 401, Bethesda, MD 20892, (301) 594-9096.

Name of Committee: National Center for Complementary and Alternative Medicine Special Emphasis Panel, Improving Measurement Tools for Sternal Skin Conductance and Hot Flashes SEP.

Date: April 22, 2005.

Time: 8 a.m. to 5 p.m.

Agenda: To review and evaluate grant applications.