

**NATIONAL DEAFNESS AND OTHER COMMUNICATION DISORDERS
ADVISORY COUNCIL**

May 19, 2006

**National Institutes of Health
Bethesda, Maryland**

MINUTES

The National Deafness and Other Communication Disorders Advisory Council convened on May 19, 2006 in Building 31, Conference Room 6, National Institutes of Health (NIH), Bethesda, MD. Dr. James F. Battey, Jr., Director, National Institute on Deafness and Other Communication Disorders (NIDCD), served as Chairperson. In accordance with Public Law 92-463, the meeting was:

Closed: May 19, 2006: 8:30 a.m. to 10:45 a.m. for review of individual grant applications; and

Open: May 19, 2006: 10:45 a.m. to 2:30 p.m. for the review and discussion of program development needs and policy.

Council members in attendance:¹

Dr. Barry W. Ache
Ms. Donna Bates Boucher
Dr. Patricia D. Cayne
Dr. Edward Conture
Dr. Nathan Fischel-Ghodsian
Dr. Richard T. Miyamoto

Dr. John J. Ngai
Dr. Donata Oertel
Ms. Myrna Orleck-Aiello
Dr. Adrian A. Perachio
Dr. Allen Ryan
Dr. Ernest Weymuller

Council members absent:

Dr. Noma Anderson
Dr. Susan Goldin-Meadow
Dr. Ray D. Kent
Dr. Brenda M. Ryals

¹For the record, it is noted that members absent themselves from the meeting when the Council is discussing applications (a) from their respective institutions or (b) in which a real or apparent conflict of interest might occur. This procedure applies only to individual discussion of an application and not to "en bloc" actions.

Ex-Officio Members Not Participating:

Dr. Lucille B. Beck (represented at the open session by Dr. Kyle Dennis)
Dr. John R. Franks
Dr. Michael E. Hoffer

The Council roster is found as Appendix 1.

Various members of the public, as well as NIDCD staff and other NIH staff, were in attendance during the open session of the Council meeting. A complete list of those present for all or part of the meeting is found in Appendix 2.

CLOSED SESSION

I. Call To Order and Opening RemarksDr. James F. Battey, Jr.

The meeting was called to order by Dr. Battey, Director, NIDCD, who expressed his appreciation to Council members for their service and advice to the Institute.

II. Council ProceduresDr. Craig A. Jordan

Procedural Matters

Dr. Jordan discussed important procedural matters, including requirements imposed by the Government in the Sunshine Act and the Federal Advisory Committee Act. The necessity of members to avoid conflict of interest, or the appearance thereof, was stressed, as was the need to maintain confidentiality concerning the proceedings and materials related to the closed portion of the meeting. Dr. Jordan announced that the Council meeting would be closed for consideration of grant applications during the morning session, but would be open to the public at approximately 10:45 a.m.

III. Council Consideration of Pending Applications

The Council gave special attention to applications involving issues related to protection of human subjects, animal welfare, biohazards and/or women/minority/children representation in study populations as identified by the initial review groups. The Council individually discussed applications being considered for High Program Priority, from New Investigators, and whenever additional discussion was required.

A. Research Project Grant Awards

1. Consideration of Applications: On the Council's agenda was a total of 110 investigator-initiated research grant applications; 103 applications had primary

assignment to NIDCD, in the amount of \$30.6 million first-year direct costs. It is anticipated that, of the applications competing at this Council, NIDCD will be able to award grants to R01 applications scoring up to the 17.9 percentile.

B. Special Programs Actions

1. Mentored Clinical Scientist Development Award (K08): The Council recommended support of one application.
2. Mentored Quantitative Research Career Development Award (K25): The Council recommended support of one application.
3. NIDCD Research Core Center Grants (P30): The Council recommended support for one application, and partial support of one other application.
4. Research Centers Applications (P50): The Council recommended support for one application, and partial support of one other application.
5. Small Grants (R03): The Council recommended support for sixteen applications.
6. Academic Research Enhancement Awards (AREA) (R15): The Council recommended support of one application.
7. NIH Exploratory/Development Research Grant Award (R21): The Council recommended support of four applications.
8. Small Business Technology Transfer (STTR): The Council recommended support for three Phase I (R41) application.
9. Small Business Innovation Research Awards (SBIR): The Council recommended support for two Phase I (R43) applications and three Phase II (R44) applications.
10. NIDCD PAR05-023 NIDCD Translational Research Grants (R01 and R21): The Council recommended support of two R01 applications and one R21 application.
11. DA06-009 Development and Improvement of Inbred ES Cell Lines for Use in Generation of Mouse Mutants (U01): The Council recommended support of one application within this trans-NIH initiative.
12. HG05-007 Completion of a Comprehensive Mouse Knockout Resource (U01): The Council recommended support of three applications within this trans-NIH initiative.

13. PAR05-072 and PAR05-073 International Research Collaboration (R03): The Council recommended support of one application for each of these initiatives, with \$5,000 contributions from the Fogarty International Center.
14. PAR06-514 Collaborative Research in Computational Neuroscience (CRCNS) (R01): The Council recommended support of two applications.

OPEN SESSION

IV. Opening Remarks Dr. Battey

Dr. Battey welcomed additional staff and several visitors to the open session of the meeting.

Consideration of Minutes of the Meeting of January 20, 2006

Dr. Battey called members' attention to the minutes of the January 20, 2006 meeting of the Advisory Council. The minutes were approved as written.

Confirmation of Dates for Future Council Meetings

Dates for the Council meetings through September 2008 have been established. A list of these meetings was distributed to the Council members and posted on the web site prior to this meeting. The next meeting of Council is scheduled for Friday, September 8, 2006, in Building 31, Conference Room 6 on the NIH campus, Bethesda, Maryland.

V. Report of the Director, NIDCD Dr. Battey

Budget Considerations:

Dr. Battey began his presentation with a breakdown of the President's NIDCD Budget Request for FY 2007 in comparison with the FY 2006 Appropriation. He pointed out that the requested \$391.5 million is a decrease of almost \$2 million from the FY 2006 Appropriation. He explained that it is extremely rare for the President's Request to contain a decrease for NIH and that it was in large part due to the significant demand on federal dollars from war efforts, natural disaster relief, and other competing needs. Dr. Battey reported that the FY 2007 budget approval process is proceeding through Congress and that the actual appropriation would depend upon that process.

Dr. Battey discussed how the \$277.7 million available for research project grants in the FY2006 Appropriation will be allocated. From this total, \$9.1 million is reserved for Small Business Innovation Research grants, \$0.75 million for administrative supplements, \$203.4 million for commitments to noncompeting grants, \$0.37 million for carryover commitments from prior Council meetings, \$10 million for program requirements, \$809 thousand for AIDS funding, and \$500 thousand for co-funding NIH

Knock-Out Mouse initiatives. Twenty percent of the remaining \$52.8 million is designated for High Program Priority (HPP). When apportioned for the three Council meetings in FY 2006, \$3.5 million is available for HPP applications at the May meeting. The budget has \$14 million available for the initial payline at this meeting, which should allow funding of all applications up to the 17.9 percentile, plus the \$3.5 million available to fund additional HPP applications. A copy of the slides Dr. Battey used for his budget presentation is included in these minutes as Appendix 3.

Cost Containment Strategies for the NIDCD

Next, Dr. Battey discussed possible options for cost containment strategies in FY2007. Options presented to the Council for discussion included the following, many of which have already been implemented in FY2006:

1. Downward negotiation for investigator- initiated R01s : (same as FY2006)
 - Grants for applications requesting \leq \$150K (DC) would be awarded with no reduction;
 - Grants for applications requesting more than \$150K up to \$400K would be awarded with a 15% reduction;
 - Grants for applications requesting above \$400K would be awarded with a 20% reduction.
2. Continue hiatus on acceptance of new Core Center (P30) applications.
3. Do not accept R01 applications over \$500K DC in any one year, except in rare situations.
4. Paylines for NIDCD Requests for Applications (RFA), Small Grants (R03), and Exploratory/Developmental Grants (R21) will generally reflect the same scores used for investigator-initiated R01 awards, with the possibility of applying a more strict payline for investigator-initiated R21s/R03s and a more lenient payline for RFA initiatives.
5. Increase the percentage of dollars allocated for the Council's High Program Priority (HPP) decisions. The recommended increase was from the current level of 20% to 30% for FY 2007. This would have several impacts including:
 - Increases the dollars available for HPP designations and decreases the dollars available for the initial payline.
 - Does not change the dollars available for awarding investigator-initiated R01 grants.
 - Allows awarding of priority science areas via HPP.
 - May result in some non-priority applications not being funded.
 - Viewed as a preferable approach vs. skipping non-priority applications (as is done by some Councils).
6. Initiate budget limits on Competitive Renewal (Type 2) applications. For example,

Type 2 applications would be limited to budgets requesting no more than 15% over the budget of their last non-competing budget year. This would only apply to applications that received \leq \$200K in their last non-competing year.

7. Require letters of intent and then NIDCD pre-approval for any applications requesting greater than \$400K direct costs, similar to the NIH practice currently in place at the \$500K level. This option was considered, but not recommended by staff due to the conflict with the trans-NIH guidance.
8. Reduce awards to grants with modular budgets requesting 10 modules down to 9 modules. This option was considered, but not recommended by staff due to the impact in addition to downward negotiations of 15% that are already in place.

After significant discussion, the council expressed agreement with the options presented for their consideration. One option that received significant discussion was the possibility for increasing the percentage of funds allocated for High Program Priority decisions. Although the members recognized that this would not impact the amount of dollars used to fund investigator-initiated grants, they noted that the investigator community might not fully understand the impact of such a change. By a narrow margin, the Council endorsed increasing the level of dollars allocated for HPP awards to 30% in FY2007. The Council also recommended that the proposed budget limits on Competitive Renewal (Type 2) applications be communicated to the investigator community.

VI. Report of the Director, Division of Extramural Activities..... Dr. Jordan

Dr. Jordan presented the Report of the Director of the Division of Extramural Activities.

New Staff

Dr. Jordan opened his presentation by introducing two new members of the Scientific Review Branch. Dr. Milcho Mincheff, who worked previously at George Washington University and the National Naval Medical Center, joined the branch in January. Dr. Christine Livingston will officially join the Branch later in May, and comes to NIDCD from the Center for Scientific Review, NIH. Both will serve as Scientific Review Administrators in their new positions at NIDCD.

Changes in NIH Grant Process

Dr. Jordan reported on NIH's plan to recognize multiple Principal Investigators (PI) on a selected set of grant programs beginning in September, 2006. This presents a new opportunity for investigators seeking support for projects or activities that clearly require a

“team science” approach. The multiple-PI option is targeted specifically to those projects that do not fit the single-PI model, and therefore is intended to supplement, and not replace, the traditional single PI model. More detailed information about this new process can be found on the NIH Office of Extramural Research web site at http://grants2.nih.gov/grants/multi_pi/index.htm.

Dr. Jordan then discussed NIH’s elimination of mailing paper assignment and change of assignment letters (NOT-OD-06-066). Effective June 1, 2006 NIH will no longer send paper notification of assignment and change of assignment letters. This is in follow-up to the May 10, 2006 announcement that all applications (paper & electronic) submitted to NIH must include the eRA Commons User name for all Project Directors and Principal Investigators (PD/PIs). This policy change will improve consistency and timeliness of communication between NIH, investigators, and institutions during the grant application process. This effort builds upon the NIH announcement last September, regarding the elimination of the mailing of Peer Review Outcome Letters and Summary Statements (see NOT-OD-05-075). NIH continues towards its goal of a paperless grants process.

Another recent NIH announcement related to a change in business process (NOT-OD-06-054). Dr. Jordan reported that a signature of the Principal Investigator (PI) is no longer required as a part of a submitted application; this is due to implementation of a new institutional compliance requirement to secure and retain the PI signature as part of the institutional review/approval process. This policy change affects applications, post-submission information, progress reports, and post-award prior approval requests. It applies to paper (PHS 398) and electronic (SF424 R&R) submissions effective May 10, 2006

For e-submission (SF424), the PI verification step in the eRA Commons is being eliminated. SF424 applications will automatically move forward after two business days in the Commons, the institution’s signing official will have the option to “Reject” and submit a corrected application.

NIDCD Interim Actions

Next, Dr. Jordan reviewed the NIDCD Interim Actions Report, which had been provided to Council members for review prior to this meeting. Interim Actions are funding actions that have been processed under the authorities contained in the Council Operating Procedures and are detailed at each Council meeting in the Interim Actions report.

Competing Grants Awarded

Dr. Jordan closed his report by reviewing how many competing grants had been awarded between January 6, 2006 and April 25, 2006. These include 13 Fellowship (F31, F32,

F33) awards; two AREA (R15) grants; eight SBIR/STTR (R41-R44) grants; thirteen Small Grants (R03); one Core Center grant (P30); three Conference (R13) grants; six Exploratory/Developmental (R21) grants; two Shannon awards (R55); two Career awards (K02, K23) and fifty-five Research Projects (R01). The total includes twelve grants approved for high program priority (HPP).

**VII. Specializations of Cochlear Nuclear Neurons..... Dr. Donata Oertel
for Using Acoustic Information Contained
in the Timing of Firing of Auditory Nerve Fibers**

Dr. Battey welcomed Dr. Donata Oertel, who accepted our invitation to discuss her research in a presentation entitled “Specializations of Cochlear Nuclear Neurons for Using Acoustic Information Contained in the Timing of Firing of Auditory Nerve Fibers.”

Following is an abstract of Dr. Oertel’s presentation:

“Specializations of Cochlear Nuclear Neurons for Using Acoustic Information Contained
in the Timing of Firing of Auditory Nerve Fibers”

The mammalian auditory system performs remarkable feats. To make use of interaural timing cues for localizing sounds, neurons in the auditory system encode the fine structure of sounds with a precision of tens of microseconds. The fine structure of sounds helps to appreciate pitch of speakers and to appreciate music but it is the encoding of the temporal envelopes of bands of energy over hundreds of milliseconds that is critical for understanding speech. How do neurons in the ventral cochlear nucleus convey timing information over more than three orders of magnitude? They split up the task. One group of cells that forms a pathway through the ventral nucleus of the lateral lemniscus, the octopus cells, detect synchronicity in the firing of large numbers of auditory nerve fibers (>60 in mice) over 1 msec. Another group of cells that forms a pathway through the superior olivary complex, the bushy cells, detects synchronicity in the firing of smaller numbers of auditory nerve fibers (~7) over about 5 msec. A third group of cells that projects directly to the inferior colliculus, the T stellate cells, detects inputs over hundreds of milliseconds.

Differences in the way the three major ascending pathways through the VCN encode timing information depend on the way the biophysical properties of neurons shape synaptic potentials. Octopus and bushy cells sharpen timing of their inputs by acting as differentiators of membrane potential; they fire only when synaptic depolarizations exceed a threshold rate. These cells have low-voltage-activated, alpha-dendrotoxin-sensitive potassium conductances that prevent all but transient firing. A consequence of their ability to sharpen timing, however, is that they are insensitive to slow synaptic influences such as cholinergic modulation by olivocochlear efferent innervation. Stellate cells fire when the voltage exceeds a threshold level and can report the duration and strength of even very slow synaptic influences.

Understanding how neurons cope with acoustic information that is contained in the timing of firing of auditory nerve fibers provides an understanding of why cochlear implants work well for understanding speech but why they work less well for localizing sounds and appreciating pitch. The processors have been designed to feed temporal envelope information through auditory pathways but not for feeding the information about the fine structure of sounds through the pathways that encode timing precisely. The loss of this information contributes to the difficulties cochlear implant users have in detecting pitch and in localizing sounds with bilateral implants.

VIII. Scientific PresentationDr. Erich Jarvis

Dr. Battey welcomed Dr. Erich Jarvis, an Associate Professor in the Department of Neurobiology at Duke University Medical Center. Dr. Jarvis studies the neurobiology of vocal communication, primarily in songbirds. Among other NIH grants, he is currently pursuing songbird research with a five year Pioneer award from NIH. Dr. Jarvis accepted our invitation to discuss his research in a presentation entitled “The Neurobiology of Vocal Learning.”

Following is an abstract of Dr. Jarvis’ presentation:

“The Neurobiology of Vocal Learning.”

Dr. Jarvis discussed the latest knowledge available in our understanding of the neural mechanisms and evolution of vocal learning. This is a rare trait found in only few animal groups: three groups of birds - songbirds, parrots, and hummingbirds- and four groups of mammals -bats, elephants, and humans. Vocal learning is the behavioral substrate for spoken human language. Results suggest that vocal learning brain systems among birds and humans are similar. The source of this similarity appears to have evolved out of a preexisting system for learning of movements. In addition, although the vocal learning brain systems are specialized, they use pre-existing genes in novel ways. These comparisons among birds and humans has helped to gain knowledge into the neural mechanisms of vocal learning in humans and is expected to be beneficial towards public health.

IX. Report of the Director, Division of Scientific Programs Dr. Judith Cooper

NIDCD Tinnitus Research Workshop

Dr. Cooper introduced Dr. Lynn Luethke, who reported on the NIDCD Tinnitus Research Workshop that was held on December 5-6, 2005 in Chevy Chase, MD.

Dr. Luethke reported that NIDCD is the lead NIH institute for tinnitus research, and as one of its mission areas, supports and conducts research on normal and pathologic function of the auditory system. While such research is ultimately relevant to understanding the causes, prevention and treatment of tinnitus, NIH has supported relatively few research projects directly related to tinnitus. Prior to 1996, NIDCD support for “direct” tinnitus research included only two grants. In recognition of this deficit, the NIDCD issued a Request for Applications, “Physiologic and Molecular Bases of Tinnitus,” in 1996 to spur exploratory research on tinnitus. That RFA resulted in the support of six grants to investigate a variety of aspects of tinnitus; some of that work is ongoing in the form of R01s. Overall, during the ten year period from 1995-2004, NIDCD’s support for tinnitus research has increased by more than eight-fold, from approximately \$150,000 to over \$1.2 million

The workshop participants included a variety of clinical and research investigators, NIDCD and NIH staff, patients and others interested in this field. They were asked to discuss their findings and experience, and give advice to the NIDCD about potential new opportunities for tinnitus research and research training. The main goal of the workshop was to exchange ideas about a variety of immediate and collaborative research opportunities and impediments for conducting them; identify future efforts that should be pursued; and establish methods to attract students, postdocs and new investigators to establish relationships with the tinnitus researchers.

Dr. Luethke reported that the minutes of the workshop were being prepared and would be made available on the NIDCD web site <http://www.nidcd.nih.gov>.

X. Update on Electronic Application Submission Dr. Roger Miller

Dr. Roger Miller, of NIDCD’s Division of Scientific Programs updated the Council on NIH’s electronic application submission process.

Electronic grant application submission is both required by law and requested by the public at large. To this end, Federal funding agencies have developed a common application platform which consists of a standard set of application forms (the SF424) and created a single web-based interface for federal funding agencies to announce grant opportunities and receive applications (<http://www.Grants.gov>). Grants.gov allows organizations to electronically find and apply for competitive grant opportunities from all federal grant-making agencies, and provides a single access point (portal) for more than 1,000 grant programs offered by the 26 federal grant-making agencies. It is available to any person, business, or state, local, or tribal government interested in electronically searching for grant opportunities and applying for grants.

Dr. Miller used a series of slides to illustrate the overall process, which has been broadly divided into two steps: Find and Apply. A potential applicant may find a funding opportunity through Grants.gov and download the appropriate application package which includes

forms with fields pre-filled with relevant information. The applicant will then complete the rest of the forms (e.g., biosketch, budget) and the applicant's authorized organization representative submits them back to Grants.gov through the Apply function. Grants.gov does some basic checks on the application (e.g. verifies all mandatory fields are filled, checks for viruses, verifies DUNS number) and then queues the document for retrieval by the grantor agency. NIH pulls the application from Grants.gov and performs its own set of checks on the application to ensure all NIH guidelines are followed (i.e., business rule validations). If no errors are found, the application components are assembled into a single final document and made available on the eRA Commons for verification.

The transition will proceed in order of increasing usage and grant complexity and a new set of support mechanisms will be transitioned every few months until all mechanisms have been transitioned. For more detail about the transition strategy and timeline, go to http://era.nih.gov/ElectronicReceipt/strategy_timeline.htm.

XI. Adjournment: The meeting was adjourned at 2:30 p.m. on May 19, 2006.

XII. Certification of Minutes

We certify that, to the best of our knowledge, the foregoing minutes and attachments are accurate and correct.²

Craig A. Jordan, Ph.D.
Executive Secretary
National Deafness and Other Communication
Disorders Advisory Council

James F. Battey, Jr., M.D., Ph.D.
Chairman
National Deafness and Other Communication
Disorders Advisory Council

Director
National Institute on Deafness and
Other Communication Disorders

Jeannie Combs
Council Assistant

² These minutes will be formally considered by the NDCD Advisory Council at its next meeting; corrections or notations will be incorporated in the minutes of that meeting.

APPENDICES

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Appendix 1

Roster

National Deafness and Other Communication Disorders Advisory Council

Chairperson

James F Battey, Jr., M.D., Ph.D., Director
National Institute on Deafness and Other Communication Disorders
Bethesda, Maryland 20892

| | | | |
|--|------|--|------|
| ACHE, Barry W., Ph.D Director, Center for Smell and Taste Distinguished Professor of Zoology and Neuroscience, Whitney Laboratory University of Florida Gainesville FL 32610-0127 | 2007 | GOLDIN-MEADOW, Susan J., Ph.D. Beardsley Ruml Distinguished Service Professor Department of Psychology Division of Social Sciences University of Chicago Chicago, IL 60637 | 2008 |
| ANDERSON, Noma B., Ph.D. Dean and Professor Florida International University School of Health Miami, FL 33199 | 2006 | KENT, Ray D., Ph.D. Professor Department of Communicative Disorders University of Wisconsin Madison, WI 53705-2280 | 2006 |
| BATES-BOUCHER, Donna Bates Group, Inc. Eight Hyde Park Circle Denver, CO 80209 | 2009 | MIYAMOTO, Richard T., M.D. Professor and Chairman Department of Otolaryngology Indiana University School of Medicine Indianapolis, IN 46202 | 2006 |
| CAYNE, Patricia D., Ph.D. Educational Neuropsychologist Private Practice New York, NY 10022 | 2006 | NGAI, John J., Ph.D. Professor of Neurobiology Department of Molecular and Cell Biology University of California Berkeley, CA 94720-3200 | 2007 |
| CONTURE, Edward G., Ph.D. Professor and Director, Graduate Studies Vanderbilt University Medical Center DHSS Graduate Studies and Research Vanderbilt University Nashville, TN 37232-8242 | 2008 | OERTEL, Donata, Ph.D. Professor Department of Physiology University of Wisconsin Madison, WI 53706 | 2007 |
| FISCHEL-GHODSIAN, Nathan, M.D. Professor of Pediatrics Cedars-Sinai Medical Center Los Angeles, CA 90048 | 2009 | | |

ORLECK-AIELLO, Myrna "MO" 2009
CEO/President
Abacus N Bytes, Inc.
D/B/A TCS Associates
Technical Computer Services
Wheaton, MD 20902

PERACHIO, Adrian A., Ph.D. 2006
Professor and Vice President for Research
Department of Otolaryngology
University of Texas Medical Branch
Galveston, TX 77555

RYALS, Brenda M., Ph.D. 2007
Professor
Dept of Communication Sciences &
Disorders
James Madison University
Harrisonburg, VA 22807

RYAN, Allen F., Ph.D. 2009
Professor of Surgery/Otolaryngology
Department of Surgery
University of California at San Diego
La Jolla, CA 92093-0666

WEYMULLER, Ernest A., M.D. 2009
Chair and Professor
Department of Otolaryngology-HNS
University of Washington
School of Medicine
Seattle, WA 98195

EX-OFFICIO MEMBERS:

BECK, Lucille B., Ph.D.
Director
Audiology & Speech Pathology Service
(117A) Department of Veterans Affairs
Washington, DC 20422

FRANKS, John R., Ph.D.
Chief, Bioacoustics and
Occupational
Vibration Section
Physical Agent Effects Branch
Division of Biomedical and Behavioral Science
National Inst for Occupational Safety & Health
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HOFFER, Michael E., M.D.
Co-Director
Department of Defense Spatial Orientation
Center
Department of Otolaryngology
Naval Medical Center
San Diego, CA 92134-5000

LEAVITT, Michael
Secretary
Department of Health and
Human Services, Room 615F
Hubert H. Humphrey Building
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ZERHOUNI, Elias Adam, M.D.
Director
National Institutes of Health
Bethesda, MD 20892

EXECUTIVE SECRETARY

JORDAN, Craig A., Ph.D.
Director
Division of Extramural Activities, NIDCD
Bethesda, MD 20892-7180

ATTENDANCE LIST

Other than Council members, attendees at the May 19, 2006 Council meeting included:

NIDCD Staff:

Office of Health Communication and Public Liaison

Blessing, Patricia, Acting Chief
Wenger, Jenny, Technical Writer

Office of Administration

Kerr, W. David, Executive Officer

Financial Management Branch

Rotariu, Mark, Chief

Science Policy and Planning Branch

Wong, Baldwin, Chief
Cole, Laura, Ph.D., Science Policy Analyst
White-Olsen, Anne, Program Analyst

Division of Extramural Activities

Jordan, Craig A., Ph.D., Director
Combs, Jeannie, Program Analyst

Grants Management Branch

Myers, Christopher, Chief
Dabney, Sherry, Grants Management Officer
Doan, Hoai, Grants Management Specialist
Garcia, Maria, Grants Management Specialist
Hamilton, Gail, Grants Management Specialist
McNamara, Castilla, Ph.D., Grants Management Specialist
Ranney, Meigs, Grants Management Officer

Scientific Review Branch

Mincheff, Milcho, Ph.D., Scientific Review Administrator
Oaks, Stanley C., Ph.D., Scientific Review Administrator
Singh, Sheo, Ph.D., Scientific Review Administrator
Yang, Shiguang A., Ph.D., Scientific Review Administrator

Division of Scientific Programs

Cooper, Judith, Ph.D., Director

Voice, Speech, Language, Smell and Taste Branch

Cooper, Judith, Ph.D., Program Director, Language Program

Davis, Barry, Ph.D., Program Director, Smell and Taste Program

Shekim, Lana, Ph.D., Program, Director, Voice & Speech Program

Sklare, Daniel A., Ph.D., Program Director, Research Training and
Development Program

Hearing and Balance/Vestibular Branch

Freeman, Nancy, Ph.D., Program Director, Hearing

Luethke, Lynn, Ph.D., Program Director, Hearing

Miller, Roger, Ph.D., Program Director, Hearing

Platt, Christopher, Ph.D., Program Director, Balance/Vestibular

Watson, Bracie, Ph.D., Program Director, Hearing

Translational Research Branch

Chin, Ling, M.D., MPH, Chief

Hoffman, Howard, Program Director for Epidemiology & Biostatistics

Jelen, Janet, Program Analyst

Division of Extramural Administrative Support, OER, NIH

Holmes, Debbie, Extramural Support Assistant

Stephenson, Nanette, Extramural Support Assistant

Center for Scientific Review, NIH

Clayton, Edwin, Ph.D. Scientific Review Administrator

Finkelstein, Judith A., Ph.D., Scientific Review Administrator

Kenshalo, Daniel, Ph.D., Scientific Review Administrator

Livingston, Christine, Ph.D., Scientific Review Administrator

Melchior, Christine, Ph.D., Chief, Integrative, Functional, and Cognitive Neuroscience IRG

Ni, Weijia, Ph.D., Scientific Review Administrator

Office of Extramural Programs, NIH

Shino, Kathleen, Ph.D., Office of Extramural Research

Others

Berkowitz, Alicia, Masimax Resources

Bongiorno, Phil, American Academy of Audiology

Dennis, Kyle, Ph.D., Veteran's Administration

Jackson, R.T., Sign Language Associates

Jarvis, Erich D., Ph.D., Duke University Medical Center

Slade, Elizabeth, Sign Language Associates

Appendix 3

NIDCD Director's Report Slides

As Presented By

James F. Battey, Jr., M.D., Ph.D.
Director, NIDCD

NIDCD Advisory Council Meeting

May 19, 2006

National Institute on Deafness and Other Communication Disorders

**May 2006 Council
Budget Mechanism
(Dollars in thousands)**

| <i>Budget Mechanism</i> | <u>FY 2006 Appropriation</u> | | <u>President's Request</u> | |
|--------------------------|------------------------------|------------------|----------------------------|------------------|
| | <i>Number</i> | <i>Amount</i> | <i>Number</i> | <i>Amount</i> |
| Research Projects | | | | |
| Noncompeting | 641 | \$203,434 | 630 | \$202,695 |
| Admin. Supplements | (23) | 750 | (23) | 750 |
| Competing | 216 | 64,442 | 202 | 60,351 |
| Subtotal | <u>857</u> | <u>268,626</u> | <u>832</u> | <u>263,796</u> |
| SBIR/STTR | <u>45</u> | <u>9,125</u> | <u>45</u> | <u>9,100</u> |
| Subtotal, RPG's | 902 | 277,751 | 877 | 272,896 |
| Research Centers | 20 | 18,000 | 20 | 17,910 |
| Other Research | <u>63</u> | <u>9,950</u> | <u>65</u> | <u>10,261</u> |
| Total Research Grants | 985 | 305,701 | 962 | 301,067 |
| Individual Training | 144 | 5,500 | 143 | 5,473 |
| Institutional Training | 183 | 7,530 | 182 | 7,492 |
| R & D Contracts | 54 | 19,506 | 54 | 20,496 |
| Intramural Research | | 33,960 | | 34,290 |
| Research Mgmt. & Support | | 17,745 | | 18,011 |
| NIH Roadmap | | <u>3,516</u> | | <u>4,727</u> |
| TOTAL | | \$393,458 | | \$391,556 |

National Institute on Deafness and Other Communication Disorders

**May 2006 Council
Competing Research Project Grants
(Dollars in thousands)**

| | |
|--|-------------|
| Total RPG Funds FY06 Appropriation | \$277,751 * |
| Less SBIR/STTR Budget | -9,125 |
| Less Administrative Supplement Budget | -750 |
| Less Noncompeting Budget | -203,434 ** |
| Less FY06 "Carryover" Commitments from prior Council meetings | -370 |
| Less FY06 Program Requirements | -10,000 |
| Less FY06 AIDS funding | -809 |
| Less FY06 Knock-Out Mouse co-funding | <u>-500</u> |
| <i>Total</i> | \$ 52,763 |

| | <u>20% HPP</u> | <u>80% Regular</u> |
|---------------------|----------------|--------------------|
| For FY 2006 | \$10,553 | \$42,210 |
| Per council meeting | \$3,518 | \$14,070 |

* Excludes Roadmap funds. ** Reflects a 2.35% reduction from full commitments.