

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

May 14, 2010

**National Institutes of Health
Bethesda, Maryland**

MINUTES

The National Deafness and Other Communication Disorders Advisory Council convened on May 14, 2010 in Building 31, Conference Room 10, 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 14, 2010: 8:30 a.m. to 10:00 a.m. for review of individual grant applications; and

Open: May 14, 2010: 10:00 a.m. to 1:40 p.m., for the review and discussion of program development needs and policy.

Council members in attendance¹

Ms. Brenda Battat
Dr. William Brownell
Dr. Margaretha Casselbrant
Dr. Steven Rauch
Dr. Randall Reed
Dr. Karen Friderici

Dr. Jennifer Horner
Dr. John Niparko
Dr. Lorraine Ramig
Mr. Richard Ellenson
Dr. Mabel Rice
Dr. Charles Greer

Council members absent:

Dr. Karen Cruickshanks
Dr. Albert Feng
Dr. Anne Smith

Dr. Robert Davila
Dr. William Yost

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 Participating:

Dr. Rickie Davis

Dr. Lucille B. Beck was represented at the Open Session by Dr. Kyle Dennis.

Ex-Officio Members Not Participating:

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 Remarks Dr. James F. Battey, Jr.

The meeting was called to order by Dr. Battey, Director, NIDCD, who expressed appreciation to the entire Council for their service and advice. Drs. Karen Cruickshanks, Robert Davila, Albert Feng, Anne Smith, and William Yost had scheduling conflicts which prevented them from attending this meeting.

II. Council Procedures Dr. 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 10:00 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 97 investigator-initiated research grant applications; 86 applications had primary assignment to NIDCD, in the amount of \$26.2 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 through the 22nd percentile.

B. Special Programs Actions

1. Mentored Quantitative Research Development Award (K08): The Council recommended support of one application.
2. NIH Pathway to Independence (PI) Award (K99/R00): The Council recommended support of three applications.
3. Small Grants (R03): The Council recommended support of fourteen applications.
4. NIH Support for Conferences and Scientific Meetings (R13): The Council recommended support of five applications and partial support of two applications with dual assignments.
5. NIH Exploratory/Development Research Grant Award (R21): The Council recommended support of thirteen applications.
6. Centers Core Grants Research (P30): The Council recommended support for three applications.
7. Small Business Technology Transfer (STTR): The Council recommended support of two Phase I (R41) applications.
8. Small Business Innovation Research Awards (SBIR): The Council recommended support for two Phase I (R43) applications and three Phase II (R44) applications.
9. PAR08-204 Phase I/II Preliminary Clinical Trials in Communication Disorders (R01): The Council recommended support for one application.
10. PAR09-056 Improving Intervention Possibilities for Communication Disorders (R21/R33): The Council recommended support for one application.
11. PAR09-057 Improving Interventions for Communication Disorders (R21/R33): The Council recommended support for three applications.
12. PA06-391 Research on Autism and Autism Spectrum Disorders (R03): The Council recommended support for one application.
13. PAR10-800 Collaborative Research in Computational Neuroscience (CRCNS): The Council recommended support for two applications.
14. HD09-006 Limited Competition for the Pediatric HIV/AIDS Cohort Study (U01): The Council recommended co-funding support for 2 applications.

IV. Pre-Council Voting

Council members were invited to vote on the following staff recommendations via e-mail ballot on ARRA funding prior to the meeting.

- AREA applications (R15) – The Council voted to support one application.

OPEN SESSION

Opening RemarksDr. Battey

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

Recognition of Retiring Members

Dr. Battey thanked the following retiring members for their service on the Advisory Council and presented them with certificates of appreciation. He also invited each one to provide parting remarks:

- *Dr. Margaretha Casselbrant*
- *Dr. Jennifer Horner*
- *Dr. Lorraine Ramig*
- *Dr. Steven Rauch*

[Executive Secretary Note: Dr. Albert Feng also retired from service on the Advisory Council but was unavailable for the meeting.]

Consideration of Minutes of the Meeting of January 22, 2010

Dr. Battey called members' attention to the minutes of the January 22, 2009 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 2012 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 17, 2010, in Building 31, Conference Room 6 on the NIH campus, Bethesda, Maryland. Please note this is a change from the previous schedule.

VI. Report of the Director, NIDCDDr. Battey

Budget Considerations:

Dr. Battey began his presentation by reporting that the FY 2010 Appropriation for NIDCD is \$418.8 million. He then continued with a breakdown of NIDCD's projections for expenditures of NIDCD's FY 2010 Research Project Grant dollars. He discussed how the \$296.9 million available for research project grants in the FY2010 Budget Appropriation will be allocated. From this total, \$9.9 million is reserved for Small Business Research grants, \$1.5 million for administrative supplements, \$219.9 million for commitments to noncompeting grants, \$0.7 million for carryover commitments from

prior Council meetings, and \$13.8 million for program requirements. An additional estimated \$10 million is available from end of year FY09 funds. Twenty percent of the remaining \$61.2 million is designated for High Program Priority (HPP). Consequently, there is \$49.0 million available for the initial payline across the year's three Council meetings. This should allow funding of applications up through the 22 percentile. The \$12.2 million for HPP applications will be available to support additional applications. A copy of the slides Dr. Battey used for his budget presentation is included in Appendix 3.

VII. Report of the Division of Scientific ProgramsDr. Judith Cooper

Dr. Cooper turned the podium over to Dr. Bracie Watson, Division of Scientific Programs, NIDCD.

Dr. Watson:

Dr. Watson updated the Council on the status of the NIDCD R03 Program. The presentation covered a 10 year period from FY 2000 through FY 2009. A brief historical perspective was followed by statistics detailing the number of applications received, success rates for the NIDCD R03 and the success rate for R03 grantees converting to R01 awards. For comparison purposes success rates were also presented for individuals that went directly to R01 awards, without utilizing the R03 route. Council expressed considerable interest and support for the R03 during the subsequent discussion.

VIII. Report of the Director, Division of Extramural ActivitiesDr. Jordan

Dr. Jordan presented the Report of the Director, Division of Extramural Activities. He started by introducing the new Council Assistant, Ms. Ginger Webb. Ms. Webb recently joined NIDCD and was previously at NINR.

Recent Changes to NIH Fellowship & Training Programs

Dr. Jordan reminded Council of the changes implemented for NIH's National Research Service Award (NRSA) Fellowship (F) & Training (T) programs during the past year. Those changes included the transition to electronic submission of applications and a separate process for electronic submission of reference letters. Reference letters are submitted directly through the eRA Commons and do not use Grants.gov.

Next, he shared with the Council some recent changes announced by NIH in the past few weeks. All fellowship applications are being assigned to review meetings based on scientific content, they will be clustered by activity code for review, and the "streamlining" process currently used for F32 applications may now be extended to all NRSA Fellowship applications (F30, F31, and F33). These updated processes took effect April 8, 2010.

Another procedural change was brought to Council's attention regarding Appointment forms and Termination Notices. After January 11, 2011 all submissions must be electronic. NIH recommends that all institutions routinely establish eRA Commons accounts for training-grant-eligible students and postdoctorates. This recommendation extends to existing trainees since they must have an eRA Commons account in order for a termination notice to be processed, as of January 1, 2011.

NIDCD Training Program

Dr. Jordan quoted Dr. Daniel Sklare's report to Council from September 15, 2000 to remind all present that the training programs at NIDCD were significantly expanded and restructured ten years ago. He used data to compare the F & T training awards for NIDCD against the whole of NIH. The comparison revealed that NIDCD features individual fellowship awards much more prominently relative to institutional training positions than NIH, on average. The figures also revealed that NIDCD's predoctoral and postdoctoral success rates continue to be higher than the NIH success rates.

IX. Scientific Presentation Dr. Helen Cohen

Dr. Battey introduced Dr. Helen Cohen, Professor, Bobby R. Alford Department of Otolaryngology – Head and Neck Surgery at Baylor College of Medicine. Dr. Cohen accepted our invitation to discuss her research in a presentation entitled “Current Findings and Future Directions for Research on Benign Paroxysmal Positional Vertigo.” The following is an abstract of Dr. Cohen's presentation:

“Current Findings and Future Directions for Research on Benign Paroxysmal Positional Vertigo”

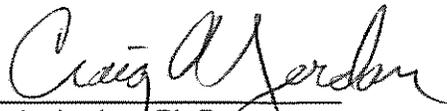
Benign paroxysmal positional vertigo (BPPV) is a common vestibular disorder, which typically causes sudden, brief but intense episodes of vertigo when the head is placed in provocative positions, e.g., when looking up to change a light bulb in the ceiling, looking down to pick up a shoe on the floor, or lying on one side in bed. It seems to be age-related, but the epidemiology is unclear. It affects balance and it affects performance of self-care and other activities of daily living. It is widely known and treated in the United States. Nevertheless, much about the disorder remains a mystery. The classical description has been known for 89 years, but the influence of co-morbid factors is unknown. The theories suggest that it is caused by bits of otoconia that have become displaced from the utricle into one of the semicircular canals in the vestibular labyrinth. The mechanisms of formation and maintenance of otoconia and the otoconial membrane remain poorly understood so the pathophysiology of BPPV remains poorly understood. Animal and computational models of BPPV have been developed but need refinement in order to predict patient behavior or be useable for treatment planning. Basically, right now we are guessing. Evidence from small scale Phase I and II clinical trials suggest that some common treatments are efficacious; many questions about clinical care must still be answered. This talk will describe the clinical problem, review what is known about the underlying basic mechanisms, describe clinical tests and treatments, and suggest future areas of research.

X. Adjournment: The meeting was adjourned at 1:40 p.m. on May 14, 2010.

XI. Certification of Minutes

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

June 21, 2010



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

June 21, 2010



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

Ginger Webb
Council Assistant
NDCD Advisory Council

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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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

BATTAT, Brenda, MA, MCSP Executive Director Hearing Loss Association of America (HLAA) Bethesda, MD	2013	FRIDERICI, Karen, Ph.D. Professor Department of Microbiology & Molecular Genetics Michigan State University East Lansing, MI	2013
BROWNELL, William, Ph.D. Jake and Nina Kamin Chair Bobby R. Alford Department of Otorhinolaryngology & Communicative Science Baylor College of Medicine Houston, TX	2013	GREER, Charles A., Ph.D. Professor of Neuroscience Department of Neurosurgery Yale University School of Medicine New Haven, CT	2011
CASSELBRANT, Margaretha L., M.D., Ph.D. Eberly Professor of Pediatric Otolaryngology Director, Division of Pediatric Otolaryngology Children's Hospital of Pittsburgh of UPMC University of Pittsburgh, School of Medicine Pittsburgh, PA	2010	HORNER, Jennifer, J.D., Ph.D. Associate Dean for Research and Graduate Studies College of Health and Human Services Ohio University Athens, OH	2010
CRUICKSHANKS, Karen J., Ph.D. Professor Department of Ophthalmology and Visual Sciences University of Wisconsin School of Medicine and Public Health Madison, WI	2011	NIPARKO, John, M.D., George T. Nager Professor Director, Division of Otology, Neurotology, & Skull Base Surgery Department of Otolaryngology – Head & Neck Surgery The Johns Hopkins Hospital Baltimore, MD	2013
DAVILA, Robert R., Ph.D. President (Retired) Galludet University Washington, DC	2012	RAMIG, Lorraine, Ph.D., CCC-SLP Professor Department of Speech Language Hearing Sciences University of Colorado, Boulder Boulder, CO	2010
ELLENSON, Richard, MBA Chief Vision Officer DynaVox New York, NY	2013	RAUCH, Steven D., M.D. Professor Otolaryngology Department of Otology & Laryngology Harvard Medical School Massachusetts Eye and Ear Infirmary Boston, MA	2010
FENG, Albert S., Ph.D., MS Professor Department of Molecular and Integrative Physiology University of Illinois Urbana-Champaign Urbana, IL	2011		

REED, Randall, Ph.D. 2011
Director, Center for Sensory Biology
Professor, Department of Molecular Biology
and Genetics
Department of Neuroscience
Department of Otolaryngology - HNS
Johns Hopkins School of Medicine
Baltimore, MD

RICE, Mabel L., Ph.D. 2012
Fred and Virginia Merrill Distinguished
Professor of Advanced Studies
Department of Speech-Language-Hearing
The Merrill Advance Studies Center
University of Kansas
Lawrence, KS

SMITH, Anne, Ph.D. 2012
Distinguished Professor
Department of Speech, Language
and Hearing Sciences
Purdue University
West Lafayette, IN

YOST, William A., Ph.D. 2011
Chair of Speech and Hearing Science
Department of Speech and Hearing Science
Arizona State University
Tempe, AZ

SEBELIUS, Kathleen
Secretary
Department of Health and
Human Services
Hubert H. Humphrey Building
Washington, DC

COLLINS, Francis S., M.D., Ph.D.
Director
National Institutes of Health
Bethesda, MD 20892

EXECUTIVE SECRETARY:

JORDAN, Craig A., Ph.D.
Director
Division of Extramural Research, NIDCD
Bethesda, MD

EX-OFFICIO MEMBERS:

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

DAVIS, Rickie, Ph.D.
Team Leader
Hearing Loss Prevention Team
National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention
Cincinnati, OH

HOFFER, Michael E., M.D.
Co-Director
Department of Defense Spatial Orientation Center
Department of Otolaryngology
Naval Medical Center
San Diego, CA

Appendix 2

ATTENDANCE LIST

Other than Council members, attendees at the May 14, 2009 Council meeting included:

NIDCD Staff:

Office of Administration

Kerr, Dave, Executive Officer

Financial Management Branch

Lee, Mimi, Budget Officer

Science Policy and Planning Branch

Wong, Baldwin, Chief

Cole, Laura, Ph.D., Science Policy Analyst

Reuss, Reaya, Health Science Policy Analyst

Office of Health Communication and Public Liaison

Blessing, Patricia, Chief

Miranda-Acevedo, Robert, MPA, Science Writer/Public Liaison Office

Latham, Robin, Science Writer

Division of Extramural Activities

Jordan, Craig A., Ph.D., Director

Stephenson, Nanette, Committee Management Specialist

Webb, Ginger, M.S. Program Analyst/Council Assistant

Grants Management Branch

Myers, Christopher, Chief

Dabney, Sherry, Grants Management Officer

Doan, Hoai, Grants Management Specialist

Garcia, Maria, Grants Management Specialist

McNamara, Castilla, Ph.D., M.P.A., Grants Management Specialist

Scientific Review Branch

Stick, Melissa, Ph.D., M.P.H., Chief

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

Moore, Christopher, Ph.D., Scientific Review Officer

Singh, Sheo, Ph.D., Scientific Review Officer

Sullivan, Susan, Ph.D., Scientific Review Officer

Yang, Shiguang A., Ph.D., Scientific Review Officer

Division of Scientific Programs

Cooper, Judith, Ph.D., Director

Donahue, Amy, Ph.D., Deputy Director

Program Officers

Bainbridge, Kathy, Ph.D., Epidemiology

Cyr, Janet, Ph.D., Training/Hearing and Balance

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

Freeman, Nancy, Ph.D., Hearing and Balance

Hoffman, Howard, M.A., Epidemiology and Statistics

Hughes, Gordon, M.D., Clinical Trials

Miller, Roger, Ph.D., Neural Prosthesis

Platt, Christopher, Ph.D., Hearing and Balance

Sklare, Daniel A., Ph.D., Training Officer/Hearing and Balance

Watson, Bracie, Ph.D., Hearing and Balance

Division of Extramural Administrative Support, OER, NIH

Holmes, Debbie, Extramural Support Specialist

Center for Scientific Review, NIH

Crutcher, Keith, Ph.D., Scientific Review Officer

Melchior, Christine, Chief, Integrative Function & Cognitive Neuroscience IRG

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

Tian, Biao, Ph.D., Scientific Review Officer

Bennett, M. Catherine, Ph.D., Scientific Review Officer

Carstea Gene, Ph.D., Scientific Review Officer

Office of Director, NIH, and Others

Cohen, Helen, Ph.D. Professor Bobby R. Alford Department of Otolaryngology – Head and Neck Surgery at Baylor College of Medicine

Knox, Sherry, CART Provider

Pollick, Amy, Director Government Relations, Association for Psychological Science

Thomas, Kate, Manager, American Academy Audiology

Appendix 3

NIDCD Director's Report Slides

As Presented By

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

NIDCD Advisory Council Meeting

September 17, 2010

National Institute on Deafness and Other Communication Disorders

MAY 2010 Council Budget Mechanism (Dollars in thousands)

<i>Budget Mechanism</i>	<u>FY 2010 Appropriation</u>		<u>FY 2011 President's Request</u>	
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>
Research Projects				
Noncompeting	625	\$220,063	620	\$220,926
Admin. Supplements	(28)	1,500	(28)	1,530
Competing	192	65,490	197	68,412
Subtotal	<u>817</u>	<u>287,053</u>	<u>817</u>	<u>290,868</u>
SBIR/STTR	<u>33</u>	<u>9,880 *</u>	<u>34</u>	<u>10,100</u>
Subtotal, RPG's	850	296,933	851	300,968
Research Centers	22	18,100	22	18,460
Other Research	<u>54</u>	<u>7,900</u>	<u>59</u>	<u>8,960</u>
Total Research Grants	926	322,933	932	328,388
Individual Training	130	4,950	130	5,170
Institutional Training	206	9,100	206	9,460
R & D Contracts	47	23,698	49	25,622
Intramural Research		38,437		39,667
Research Mgmt. & Support		19,715		20,700
NIH Roadmap		<u>0</u>		<u>0</u>
TOTAL		\$418,833		\$429,007

* reflects the latest SBIR/STTR allotment

National Institute on Deafness and Other Communication Disorders

MAY 2010 Council Competing Research Project Grants (Dollars in thousands)

MAY Council Funds for FY 2010 Competing R01's *Based on Omnibus Appropriation* (\$ in thousands)

Total RPG budget	\$296,933	
Less SBIR/STTR budget	-9,880	
Less Administrative Supplements budget	-1,500	
Less Noncompeting updated estimate	-219,860	
Less FY10 "Carryover" Commitments from prior Council meetings	-690	
Less FY10 Program Requirements	-13,750	
Plus FY09 funds	10,000	
	\$61,253	
<i>Total</i>		
	<u>20% HPP</u>	<u>80% Regular</u>
For FY 2010	\$12,251	\$49,002
Per Council Round	\$4,084	\$16,334