

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

**September 1, 2005**

**National Institutes of Health  
Bethesda, Maryland**

**MINUTES**

The National Deafness and Other Communication Disorders Advisory Council convened on September 1, 2005 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:

Open: September 1, 2005: 8:30 a.m. to 11:40 a.m., for the review and discussion of program development needs and policy; and

Closed: September 1, 2005: 11:40 p.m. to 2:30 p.m. for review of individual grant applications.

Council members in attendance:<sup>1</sup>

Dr. Barry W. Ache  
Dr. Noma Anderson  
Ms. Donna Bates Boucher  
Dr. Edward Conture  
Dr. Nathan Fischel-Ghodsian  
Dr. Susan Goldin-Meadow

Dr. Richard T. Miyamoto  
Dr. John J. Ngai  
Dr. Donata Oertel  
Dr. Brenda M. Ryals  
Dr. Allen Ryan  
Dr. Ernest Weymuller

Council members not attending:

Dr. Patricia D. Cayne  
Dr. Ray D. Kent  
Ms. Myrna Orleck-Aiello  
Dr. Adrian A. Perachio  
Dr. Harry Seymour

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<sup>1</sup>For 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  
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.

**I. Call To Order and Opening Remarks ..... Dr. James F. Battey, Jr.**

The meeting was called to order by Dr. Battey, Director, NIDCD, who thanked Council members for their service and advice to the Institute. Dr. Battey welcomed and introduced four new members of the Council.

- **Ms. Donna Bates-Boucher** previously was founder and President of The Bates Group, an investor relations firm specializing in mergers and acquisitions. Her clients were national and international companies listed on the New York and American Stock Exchanges. Prior to that, Ms. Boucher was Vice President of Patton Oil Company, and she was in sales and management at Merrill Lynch and Boettcher, two brokerage firms.

She was appointed to several state level commissions by Governors Romer, Lamm and Owens, including the Planning and Advisory Council for Mental Health for Colorado, and the Civil Rights Commission. She worked with legislators and the Governor's office to broker the first increase to Mental Health in many years, and evaluated and recommended how to integrate complex care for the labyrinth of social services care, which included incarceration facilities, and judicial implementation. President Ronald Regan appointed her to the Federal Home Loan Bank of Topeka, where she assisted with the restructure of the Savings and Loan Industry in the mid-80's, and he also honored her as a Delegate to the National White House Conference on Small Business.

Ms. Boucher has served on numerous non-profit organizations including the Denver Art Museum, Denver Center for Performing Arts and University of Colorado Foundation. She received her Bachelor of Science degree from the University of Colorado.

- **Nathan Fischel-Ghodsian, M.D.** received his medical degree from Technion (Israel), completed his residency and fellowship in Pediatrics and Pediatric Hematology and Oncology at Harvard Medical School, and trained as a molecular geneticist at Oxford University (U.K.). He became board certified in Pediatric Hematology/Oncology and Clinical Molecular Genetics. His professional research interests are in the areas of mitochondrial genetics, and genetics of deafness and complex diseases. Dr. Fischel-Ghodsian is a Professor of Pediatrics at the UCLA School of Medicine and an Attending Physician and Director of Molecular Hematology at Cedars-Sinai Medical Center in Los Angeles. He is a member of numerous professional organizations, including the Association for Research in Otolaryngology and has received many honors and awards. He is widely published, has made presentations at national and international meetings, and frequently serves as a peer reviewer of grant applications and for numerous medical/scientific journals. He has previously served on the Scientific Advisory Council of the NIDCD.
- **Allen F. Ryan, Ph.D.**, received a joint doctoral degree in physiology and biophysics/psychology under Dr. Josef Miller from the University of Washington, followed by postdoctoral work under Dr. Peter Dallos at Northwestern University. He has been at the University of California, San Diego and the San Diego VA Medical Center since 1975, in the Departments of Surgery/Otolaryngology and Neurosciences. His major research interests include sensorineural hearing loss, the development of inner ear sensory cells and neurons, and the biology of the middle ear mucosa. His laboratory uses methods ranging from molecular and cellular biology to transgenic and systems biology. Dr. Ryan is a member of several professional organizations, including the American Otological Society, the National Tinnitus Research Consortium, and the Association for Research in Otolaryngology, for which he also served as President in 1994-1995. He has received numerous awards, including the Shambaugh Prize for Research in Otolaryngology, and the Claude Pepper Award of Excellence from the NIH/NIDCD. Dr. Ryan publishes widely, is a member of several editorial boards for journals in his field, serves often as a reviewer of grant applications and journal articles, and presents frequently at national and international meetings. He has trained many students and postdoctoral fellows in our field.
- **Ernest A. Weymuller, Jr.**, graduated from Dartmouth College, and Harvard Medical School. After completing his Surgical Internship and Junior Assistant Residency at Vanderbilt University Hospital, he served as a Captain, USAF Medical Corps, thereafter completing Otolaryngology training at Massachusetts Eye and Ear Infirmary. He has been at the University of Washington since 1978, where he became Professor, Vice-Chairman, and then Chairman of the Department of Otolaryngology-Head and Neck Surgery in 1992. Current responsibilities include leadership positions for the UW Surgical Oncology Fellowship, an NIH Training Grant, University of Washington Physicians, and an Associate Director for Surgery.

Dr. Weymuller is widely-published in peer reviewed journals, serves on numerous editorial review boards and has contributed to two surgical atlases and numerous textbook chapters. He has served as President of the American Head and Neck Society (2000-01), Senior Examiner of the American Board of Otolaryngology, and chaired many AAO-HNS committees on ethics, research, and conferences. Dr. Weymuller has presented numerous invited lectures at domestic and international universities/societies. He was recently awarded Honorary Fellowship in the Royal Australasian College of Surgeons. Dr. Weymuller's major areas of academic focus are the development and testing of the UW Head and Neck Quality of Life Instrument and the establishment of an International Head and Neck Cancer Database. His clinical activities focus on sinus surgery and head and neck cancer management.

One additional new member, Ms. Myrna Orleck-Aiello, could not attend this meeting due to a prior commitment. She will, however, attend the January meeting.

- **Ms. Myrna Orleck-Aiello** is the President and CEO of TCS Associates, an IT company that not only focuses on computer and networking solutions, but also is a total accessibility solutions provider. She received her Bachelor of Arts degree in communication from Gallaudet University. She has been involved in many professional organizations, including the National Association of the Deaf, World Federation of Deaf, Rhode Island Association of the Deaf (founder), Deaf Entrepreneurs Council (co-founder), and the Metropolitan Washington Telecommunications Directory for the Deaf and Hard of Hearing (co-founder). Ms. Orleck-Aiello was named 2004 Entrepreneur of the Year by "Professional Woman's Magazine." In 2002, Merrill Lynch Foundation and Gallaudet University's program, Signs of Success, recognized her as one of ten successful deaf business leaders around the nation. She was named Entrepreneur of the Year in 1998 by Venture Magazine and Arthur Young Entrepreneurial Services. She is the first Deaf woman to be awarded the 8(a) certification by the Small Business Administration.

Dr. Ray Kent, Dr. Adrian Perachio, Ms. Patricia Cayne, and Dr. Harry Seymour had 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 open to the public during the morning session, but would be closed for consideration of grant applications during the afternoon.

Consideration of Minutes of the Meeting of May 20, 2005

Dr. Battey called members' attention to the minutes of the May 20, 2005 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 2007 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, January 20, 2006, in Building 31, Conference Room 6 on the NIH campus, Bethesda, Maryland.

**III. Report of the Director, NIDCD ..... Dr. Battey**

Budget Considerations:

Dr. Battey indicated that the FY2006 budget is based on the President's requested level and he discussed how the \$281.6 million available for research project grants will be allocated. From this total, \$9.3 million is reserved for Small Business Innovation Research grants, \$1 million for administrative supplements, \$208.6 million for commitments to noncompeting grants, \$0.4 million for carryover commitments from prior Council meetings, \$10 million for program requirements, and \$304 thousand for co-funding NIH stem cell initiatives. Twenty percent of the remaining \$51.9 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 September meeting. The budget has \$13.8 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.

**IV. Report of the Director, Division of Extramural Activities..... Dr. Jordan**

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

NIH Roadmap for Medical Research

Dr. Jordan reminded the Council about the history, purpose and funding aspects of the NIH Roadmap for Medical Research, and provided an update on activities and future

directions. This project was started by Dr. Elias A. Zerhouni in 2002, to chart a "roadmap" for medical research in the 21st century. The goals of the NIH Roadmap are to accelerate basic research discoveries and speed translation of those discoveries into clinical practice; and explicitly address roadblocks that slow the pace of medical research in improving the health of the American people. The NIH Roadmap identifies the most compelling opportunities in three main areas: new pathways to discovery, research teams of the future, and re-engineering the clinical research enterprise. The FY2005 Roadmap budget is approximately \$28.8 million which represents about .9% of the overall NIH budget. The NIDCD contribution to Roadmap is approximately 0.63% of the NIDCD budget.

The FY2006 Roadmap Initiatives include a number of activities that build upon earlier efforts. Dr. Jordan highlighted a number of those efforts including High Throughput Screening Assay Technology Development, Imaging Probe Development Centers, Nanomedicine Development Centers, NIH Director's Pioneer Award, Regional Translational Research Centers, and National Electronic Clinical Trial and Research Networks. He also provided information about which FY04 and FY05 Roadmap initiatives yielded applications within NIDCD's mission area. The Roadmap funding plans provide for annual increases leveling off with \$507 million in FY2009.

Additional information about the NIH Roadmap can be found at [nihroadmap.nih.gov](http://nihroadmap.nih.gov).

#### *New NIH Guide Announcements*

Dr. Jordan next apprised Council of two recent NIH Guide announcements and how the changing NIH practices will impact institutions that receive NIDCD funding. The two announcements were:

*NOT-OD-05-067*: NIH Announces Initial Plans to Transition to the SF424(R&R) Application and Electronic Submission through Grants.gov

*NOT-OD-05-055*: Request for Information on the Plan to Recognize Multiple Principal Investigators on NIH Grants

#### **V. Report of the Director, Division of Scientific Programs ..... Dr. Judith Cooper**

##### *NIDCD Workshop on Epidemiology of Communication Disorders*

Dr. Cooper introduced Mr. Howard Hoffman, Program Director for Epidemiology and Biostatistics, Division of Scientific Programs, NIDCD. Mr. Hoffman reported on an NIDCD workshop, which he had chaired--the Epidemiology of Communication Disorders Workshop, which was held March 29-30, 2005, in Bethesda, Maryland. The workshop's purpose was to review current epidemiologic knowledge in the field of communication disorders and to suggest ways to encourage more epidemiologic research. Findings

from earlier epidemiologic investigations and reports on useful biostatistical methods were presented.

The keynote address emphasized the critical role that epidemiologic research plays in the design and evaluation of interventions that may prevent or delay impairment and disability. Epidemiologic research programs in other Institutes at NIH were discussed, as well as an overview of the operation of NIH epidemiology study sections and what is critical for success in epidemiologic research applications.

The primary focus of the workshop was on how to stimulate more epidemiologic research in NIDCD mission areas. Workshop participants reviewed clinical and epidemiologic knowledge within each of the NIDCD mission areas, and were asked to recommend priority topics where more epidemiologic research would be useful. Participants were also asked to offer advice on infrastructure needs (e.g., the issuance of Program Announcements) that could stimulate more epidemiologic research on communication disorders.

*The NIH Neuroscience Blueprint*

Next, Dr. Cooper introduced Dr. Christopher Platt, Program Director, Balance/Vestibular Sciences, Hearing and Balance/Vestibular Branch, DSP. Dr. Platt discussed the NIH Neuroscience Blueprint. This activity, announced in FY05, combines efforts among 16 of the NIH institutes that contribute a total of roughly \$4.5B/year to neuroscience research. NINDS and NIMH have the biggest neuroscience budgets (nearly half the total), and the NIDCD neuroscience activity contributes nearly 4% of the total, ranking 7<sup>th</sup> among the participating institutes. The intent is to identify and enhance new research tools, resources and training that have common relevance across all the institutes, to accelerate advances across the field. Emphasis is on the neurological processes of development, plasticity and regeneration; approaches involve molecular, cellular and systems levels, to improve translational research and integrative medicine. Six initiatives began in FY2005, with more to come. The overall investment, from a pool of contributions proportionally shared across these institutes, is projected to total roughly \$100M over five years.

**VI. Scientific Presentation:..... Dr. Andrew Griffith**

The scientific presentation was made by Dr. Andrew Griffith of NIDCD's Division of Intramural Research (DIR). Dr. Griffith serves as Acting Chief of both DIR's Section on Gene Structure and Function, Laboratory of Molecular Genetics; and the Hearing Section, Neuro-Otology Branch. Dr. Griffith accepted our invitation to discuss his research in a presentation entitled "Molecular Mechanisms of Hereditary Hearing Loss."

Following is an abstract of Dr. Griffith's presentation:

**“Molecular Mechanisms of Hereditary Hearing Loss: Mice, Men, and Modifiers”**

A modifier gene is a genetic locus that alters the phenotypic expression of a mutation, or mutations, at another gene locus, but the modifier is not itself sufficient to cause a mutant phenotype. It is thought that modifiers of simple (single-gene) traits such as childhood deafness may contribute to more complex but common phenotypes such as presbycusis or noise-induced hearing loss. Due to this complex genetics, modifiers are most easily identified in mouse models of hearing loss. Recent results identify the genetic map locations of at least four distinct modifiers of outer hair cell function and degeneration in the Beethoven mouse model of human DFNA36 hearing loss. These data demonstrate the identification of a variant of the plasma membrane calcium pump PMCA2 that modifies age-related hearing loss caused by a recessive cadherin 23 (CDH23) mutation. This latter discovery was based upon previous work demonstrating the analogous gene interaction in a mouse model. Future work will test the hypothesis that variants of PMCA2 can modify hearing loss caused by other genetic factors or non-genetic factors such as aging and noise.

**VII. International HapMap Project Overview ..... Dr. Francis Collins**

Next, Dr. Battey welcomed and introduced Dr. Francis Collins, Director, National Human Genome Research Institute, NIH. Dr. Collins discussed the Haplotype Map (HapMap) Project, an international effort to develop a haplotype map of the human genome, also referred to as the HapMap, which will describe the common patterns of human genetic variation.

Dr. Collins discussed how the project was initiated, and explained the importance of studying genetic variation. He explained that finding genes that contribute to common conditions like schizophrenia, diabetes, stroke, osteoporosis, heart disease, autism, Parkinson's disease, and cancer is critically important—but terribly difficult. He discussed some of the basic science of the study, explaining the relationship of single nucleotide polymorphisms (SNPs), chromosomes and haplotypes.

The International HapMap Project will identify individual SNPs (approximately 10 million are estimated to occur commonly in the human genome), define regions of linked variants, known as haplotypes, and identify "tag" SNPs that uniquely identify these haplotypes. By testing an individual's tag SNPs (a process known as genotyping) researchers will be able to identify the collection of haplotypes in a person's DNA. The HapMap Project is identifying these common haplotypes in four populations from different parts of the world. The number of tag SNPs that contain most of the information about the patterns of genetic variation is estimated to be about 300,000 to 600,000, which is far fewer than the 10 million common SNPs. Through this process

the HapMap Project is identifying the basis for a large fraction of the genetic diversity in the human species. Researchers trying to discover the genes that affect a disease, such as diabetes, will compare a group of people with the disease to a group without the disease. Chromosome regions where the two groups differ in the haplotype frequencies might contain genes affecting the disease.

Dr. Collins reported that the HapMap project will reach completion in October 2005, and said that the availability of his resource is already transforming the search for genes involved in common disease. Whole genome association studies for common disease are rapidly becoming a reality. Identification of the major gene variants that contribute to common disease will open a whole new chapter in biomedical research.

Further information about the HapMap Project is available at: [www.hapmap.org](http://www.hapmap.org) and [www.genome.gov](http://www.genome.gov).

**VIII. Strategic Research Plan Update .....Dr. Barry Ache;  
Dr. Richard Miyamoto and Dr. Donata Oertel**

Dr. Barry Ache led a discussion of the continued progress made by the Strategic Plan Working Group in updating the 2006-2008 Strategic Research Plan.

Dr. Ache pointed out that the new draft is different in three main ways:

- much “wordsmithing” was done by the Working Group and staff;
- the "Statistics" section was updated and references were found for each bullet;
- it was reaffirmed to have fewer, but broader (in scope) bullets throughout the document, esp. in the "What needs to be Studied?" section.

Council provided the Institute with the following suggestions to consider:

- add additional bullets (in the section starting on Lines 215 and 273) on Health Disparities;
- add a language-learning bullet in Priority Area III;
- link the Strategic Plan to the Budget and/or Operational Plan;
- include information about the Infrastructure for Epidemiological Databases.

Once final revisions are incorporated, the NIDCD will solicit public comment, conduct a final review, and post the new 2006-2008 Strategic Research Plan.

## **IX. Report of the Scientific Director**

**Division of Intramural Research ..... Dr. Robert Wenthold**

NIH policy requires that the National Advisory Council review the activities of their respective intramural program once a year. Dr. Robert Wenthold, Scientific Director of NIDCD's Division of Intramural Research (DIR), presented the 2005 report.

### *Investigators Tenured in 2005*

Dr. Matt Kelley received tenure in February 2005. Dr. Kelley received his Ph.D. in Neuroscience at the University of Virginia in 1993, and completed postdoctoral work with Dr. Thomas Reh at the University of Washington in 1996. From 1996 to 2000, Dr. Kelley served as an Assistant Professor in the Department of Cell Biology at Georgetown University, after which he became a tenure-track scientist in NIDCD. Dr. Kelley's research interests include understanding the cellular and molecular factors that regulate the development of the organ of Corti.

### *Tenure Track Investigators*

Three NIDCD investigators hold tenure-track appointments at this time. They include Dr. Andrew Griffith (clinical); Dr. Doris Wu and Dr. Dennis Drayna. Tenured investigators on staff include Dr. Richard Chadwick; Dr. Thomas Friedman; Dr. Barry Horwitz; Dr. Kuni H. Iwasa; Dr. Bechara Kachar; Dr. Robert Wenthold; Dr. John Northup; Dr. Allen Braun (clinical); Dr. Carter Van Waes (clinical); Dr. Konrad Noben-Trauth and Dr. Matthew Kelley.

### *Board of Scientific Counselors*

Dr. Wenthold updated the Council on the membership of the Board of Scientific Counselors. Departing members include Dr. Bruce Tempel, University of Washington School of Medicine; and Dr. Lynn Landmesser, Case Western Reserve University. Nominees for membership on the Board include Dr. Richard Cheney, University of North Carolina at Chapel Hill; and Dr. Richard Chole, Washington University School of Medicine. Other members include: Dr. Diego Restrepo, University of Colorado (Chair); Dr. Miriam Meisler, University of Michigan; Dr. Paul Fuchs, Johns Hopkins University; Dr. Nirupa Chaudhari, University of Miami, Dr. Gary Schoenwolf, University of Utah; and Dr. Charles Liberman, Harvard University.

### *5 Research Court Laboratories*

Dr. Wenthold reported that the laboratories at 5 Research Court include about one-half of the Division's programs. The Division is undergoing renovation of existing animal space, and modest expansion of laboratory space at that site. Work began in late August and should be completed by mid-2006. The current plan is for the Division to leave that location by 2009, and to occupy space on the NIH campus.

## CLOSED SESSION

### **X. Report of the Board of Scientific Counselors .....Dr. Wenthold**

As stipulated by law, each Institute or Center must provide annually to its National Advisory Council an overview of its intramural research program. The overview should include the reports of the Board of Scientific Counselors (BSC), and the responses of the Scientific Director. This presentation is strictly informational; Council members are not asked to recommend approval or disapproval of the reports or to modify them in any way. However, the Council may make recommendations to the Director, NIDCD regarding such research on the basis of the materials provided.

Dr. Wenthold presented the Report of the BSC regarding the review of several intramural laboratories. He then presented his response to the report and addressed questions from Council.

[Executive Secretary Note: During the presentation of the BSC report, attendance was restricted to the Council members, the Director, NIDCD; the Deputy Director, NIDCD; the Director, Division of Intramural Research, NIDCD; and the Executive Secretary of the Council.]

### **XI. 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 122 investigator-initiated research grant applications; 115 applications had primary assignment to NIDCD, in the amount of \$32.6 million first-year direct costs. It is anticipated that, of the applications competing at this Council, NIDCD will be able to award grants to applications scoring up to the 17.9 percentile.

#### **B. Special Programs Actions**

1. Mentored Patient-Oriented Research Career Development Award (K23): The Council recommended support for one application.
2. Small Grants (R03): The Council recommended support for thirteen applications.

3. Exploratory/Developmental Grants (R21): The Council recommended support of five applications.
4. Small Business Technology Transfer (STTR): The Council recommended support for three Phase I (R41) applications and one Phase II (R42) applications.
5. Small Business Innovation Research Awards (SBIR): The Council recommended support for three Phase I (R43) applications and two Phase II (R44) applications.
6. NIDCD Research Core Center Grants (P30): The Council recommended support for one application.
7. DC-04-001 Speech Processor Optimization for Cochlear Implants: The Council recommended support of two (R01) applications.
8. DC-05-001 Typical/Disordered Language: Phenotype Assessment Tools: The Council recommended support of two (R21) applications.
9. MH-05-007 Identifying Autism Susceptibility Genes: The Council recommended co-funding support of this initiative in the amount of \$100,000.
10. PAR-03-007 Novel Genetic Methods to Map Functional Neuronal Circuits and Synaptic Change: The Council recommended support of one (R01) application.

**XII. Adjournment:** The meeting was adjourned at 2:30 p.m. on September 1, 2005.

### **XIII. Certification of Minutes**

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

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

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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

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<sup>2</sup> 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. Irving B. Harris Professor of Psychology Department of Psychology Division of Social Sciences University of Chicago Chicago, IL 60637	2008
ANDERSON, Noma B., Ph.D. Director 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 & 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 Department of Pediatrics Cedars-Sinai Medical Center Los Angeles, CA 90048	2009	ORLECK-AIELLO, Myrna "MO" CEO/President Abacus N Bytes, Inc. D/B/A TCS Associates Technical Computer Services Wheaton, MD 20902	2009

PERACHIO, Adrian A., Ph.D. 2006  
Professor & 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, MSC 4304  
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  
Cincinnati, OH 45226

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  
Washington, DC 20201

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

*Rev. 10/06/05*

## Appendix 2

### ATTENDANCE LIST

Other than Council members, attendees at the September 1, 2005 Council meeting included:

#### NIDCD Staff:

##### Office of Health Communication and Public Liaison

Blessing, Patricia, Acting Chief

##### Office of Administration

Kerr, W. David, Executive Officer

##### Financial Management Branch

Wysong, Chad, Budget Analyst

##### Science Policy and Planning Branch

Wong, Baldwin, Chief

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

Montney, Lisa, Science Policy 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

Hamilton, Gail, Grants Management Specialist

Hickman, Leslie, Grants Management Specialist

McNamara, Castilla, Ph.D., Grants Management Specialist

Ranney, Meigs, Grants Management Officer

##### Scientific Review Branch

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

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

Donahue, Amy, Ph.D., Chief; and Program Director, Hearing

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

Division of Intramural Research

Wenthold, Robert, Ph.D., Scientific Director

Van Waes, Carter, M.D., Acting Clinical Director

Griffith, Andrew, Ph.D., Acting Chief, Laboratory of Molecular Genetics and  
Acting Chief, Neuro-Otology Branch

Division of Extramural Administrative Support, OER, NIH

Holmes, Debbie, Extramural Support Assistant

Stephenson, Nanette, Extramural Support Assistant

Center for Scientific Review, NIH

Clayton, Edwin, Scientific Review Administrator

Melchior, Christine, Chief, Integrative, Functional, and Cognitive Neuroscience IRG

Ni, Weijia, Scientific Review Administrator

Tian, Biao, Scientific Review Administrator

Others

Brown, Mark, MasiMax Resources, Inc.

Collins, Francis, Director, National Human Genome Research Institute, NIH

Gayle, Sherie, American Academy of Audiology

Johnson, Tom, Office of Director, NIH

Laas, Molly, Research Policy Alert

Appendix 3

**NIDCD Director's Report Slides**

As Presented By

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

NIDCD Advisory Council Meeting

September 1, 2005

## National Institute on Deafness and Other Communication Disorders

### Budget Mechanism (Dollars in thousands)

<i>Budget Mechanism</i>	<u>FY 2005 Appropriation*</u>		<u>FY 2006</u>		<u>President's</u>
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>	<u>Request**</u>
Research Projects					
Noncompeting	691	\$213,173	642		\$205,510
Admin. Supplements	(27)	1,556	(27)		1,500
Competing	198	57,626	226		65,842
Subtotal	<u>889</u>	<u>272,355</u>	<u>868</u>		<u>272,852</u>
SBIR/STTR	<u>46</u>	<u>9,286</u>	<u>46</u>		<u>9,350</u>
Subtotal, RPG's	935	281,641	914		282,202
Research Centers	21	18,404	24		20,449
Other Research	<u>66</u>	<u>10,594</u>	<u>66</u>		<u>9,826</u>
Total Research Grants	1,022	310,639	1,004		312,477
Individual Training	143	5,700	142		5,700
Institutional Training	205	7,956	206		7,906
R & D Contracts	47	19,363	47		19,236
Intramural Research		33,976			34,458
Research Mgmt. & Support		<u>16,626</u>			<u>17,655</u>
TOTAL		\$394,260			\$397,432

\* Includes \$2,492 thousand for NIH Roadmap.

\*\* Includes \$3,554 thousand for NIH Roadmap.

**National Institute on Deafness and Other Communication Disorders**

**SEPTEMBER 2005 Council  
Competing Research Project Grants  
(Dollars in thousands)**

**September Council Funds for FY 2006 Competing R01's**  
(\$ in thousands)

Total RPG Funds FY06 President's Budget	\$281,594 *
Less SBIR/STTR Budget	-9,350
Less Administrative Supplement estimate	-1,000
Less Noncompeting estimate	-208,620
Less FY06 "Carryover" Commitments from prior Council meetings	-370
Less FY06 Program Requirements	-10,000
Less FY06 Stem Cell grant co-funding	<u>-304</u>

*Total* \$ 51,950

	<u>20% HPP</u>	<u>80% Regular</u>
For FY 2006	\$10,390	\$41,560
Per council meeting	\$3,463	\$13,853

\* Excludes Roadmap funds.