

NATIONAL DEAFNESS AND OTHER COMMUNICATION DISORDERS

ADVISORY COUNCIL

May 20 & 21, 2021

National Institutes of Health

Bethesda, Maryland

MINUTES

The National Deafness and Other Communication Disorders Advisory Council (NDCDAC) convened on May 20, 2021 & May 21, 2021 via videoconference at the National Institutes of Health (NIH) in Bethesda, MD. Dr. Debara L. Tucci, 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 20, 2021: 10:00 a.m. to 12:15 p.m. for review of individual grant applications.

Open: May 20: 1:00 p.m. to 3:15p.m. and May 21, 2021 from 10:00 a.m. to 12:00 p.m., for the review and discussion of program development needs and policy.

Council members in attendance¹:

Dr. John Carey	Dr. Robert Hillman
Dr. Nirupa Chaudhari	Ms. Barbara Kelley
Dr. Ruth Anne Eatock	Ms. Nanci Linke-Ellis
Mr. Richard Einhorn	Dr. Cynthia Morton
Dr. Carol Espy-Wilson	Ms. Lynne Murphy-Breen
Dr. Lisa Goffman	Dr. Dan Sanes
Dr. Sandra Gordon-Salant	Dr. Ben Strowbridge
Dr. Argye Hillis	Dr. Charlotte Yeh

Council Members Absent:
None

Ad-Hoc Council Members in attendance:

Dr. Laurel Carney	Dr. Jeffrey Holt
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Ex-Officio Council Members in attendance:

Ms. Christa Themann
Dr. Judy Schafer for Dr. Lucille Beck

Ex-Officio Members Absent:

Dr. LaKeisha Henry

¹ 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.

NIDCD employees present during portions of the meeting:

Mr. Christopher Adams	Mr. Christopher Myers
Dr. Kathy Bainbridge	Mr. Eddie Myrbeck
Ms. May Chiu	Mr. Eric Nunn
Dr. Laura Cole	Dr. Hua Ou
Dr. Judith Cooper	Dr. Amy Poremba
Dr. Lisa Cunningham	Ms. Lisa Portnoy
Dr. Janet Cyr	Dr. Mary Purucker
Mr. Hoai Doan	Dr. Kausik Ray
Dr. Nancy Freeman	Dr. Alberto Rivera-Rentas
Ms. Maria Garcia	Ms. Cathy Rowe
Mr. Howard Hoffman	Dr. Elka Scordalakes
Ms. Nichelle Johnson	Dr. Lana Shekim
Dr. Craig Jordan	Dr. Kathy Shim
Dr. Andrea Kelley	Ms. Nanette Stephenson
Dr. Kelly King	Dr. Melissa Stick
Ms. Connie Latzko	Dr. Susan Sullivan
Dr. Eliane Lazar-Wesley	Dr. Debara Tucci
Ms. Mimi Lee	Ms. Kelli Van Zee
Dr. Chuan-Ming Li	Dr. Bracie Watson
Dr. Trinh Ly	Ms. Ginger Webb
Dr. Castilla McNamara	Mr. Eric Williams
Dr. Roger Miller	Dr. Shiguang Yang
Dr. Elyssa Monzack	

Other federal employees present during portions of the meeting:

Dr. Brian Scott, CSR
Dr. John Bishop, CSR
Dr. Alexei Kondratyev, CSR
Ms. Felice Harper, CIT
Mr. Jonathan Bennet, ORS
Dr. Maribeth Champoux, CSR
Dr. Roger Janz, CSR

Members of the public present during portions of the meeting:

Dr. H. Steven Sims, University of Illinois, Chicago
Dr. Allen Ryan, University of California, San Diego
Dr. Fan-Gang Zeng, University of California, Irvine

The complete Council roster is found in Appendix 1.

Both days Open Sessions were available live by NIH VideoCast and will remain available in the archive for one year.

CLOSED SESSION May 20, 2021

Call to Order and Opening Remarks Dr. Debara L. Tucci

The meeting was called to order by Dr. Tucci, Director, NIDCD, who expressed appreciation to the entire Council for their service and advice.

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 any conflict of interest and even any appearance of a conflict 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 and would be open to the public at approximately 1:00 p.m. via Videocast.

Council Consideration of Pending Applications..... Dr. Judith Cooper and Staff

Research Project Grant Awards

Consideration of Applications: On the Council's agenda was a total of 115 investigator-initiated R01 grant applications; 100 applications had primary assignment to NIDCD, in the amount of \$38.3 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 14th percentile.

Special Program Actions

1. NIH Mentored Research Scientist Development Award – Research and Training (K01): The Council recommended support of two applications.
2. NIH Mentored Clinical Scientist Research Career Development Award (K08): The Council recommended support of three applications.
3. NIDCD Research Career Enhancement Award for Established Investigators (K18): The Council recommended support of one application.
4. NIH Mentored Patient-Oriented Research Career Development Award(K23): The Council recommended support of two applications.
5. NIH Pathway to Independence Award (K99/R00): The Council recommended support of one application.
6. NIDCD's Mentored Research Pathway for Otolaryngology Residents and Medical Students (R25 - Clinical Trial Not Allowed): The Council recommended support of one application.
7. NIH Support for Conferences and Scientific Meetings (R13): The Council recommended full support of one application, one application for one year and co-fund one dual application.

8. NIH Research Enhancement Award (R15): The Council recommended support of two applications.
9. NIH Exploratory/Development Research Grant Award (R21): The Council recommended support of seven applications.
10. NIDCD Early Career Research (ECR) Award (R21): The Council recommended support of five applications.
11. NIH Small Business Innovation Research Awards (SBIR): The Council recommended support of two Phase II (R44) applications.
12. NIDCD Hearing Healthcare for Adults: Improving Access and Affordability (R21/R33 Clinical Trials Optional): The Council recommended support of one application.
13. Central and Peripheral Control of Balance in Older Adults (R01 Clinical Trial Optional): The Council recommended support of one application.
14. NSF/NIH Collaborative Research in Computational Neuroscience (CRCNS) (R01): The council recommended support of three applications.
15. Mobile Health: Technology and Outcomes in Low- and Middle-Income Countries (R21/R33 Clinical Trial Optional): The council recommended support of one application.

OPEN SESSION – May 20, 2021

Opening Remarks Dr. Debara L. Tucci

Dr. Debara L. Tucci welcomed additional staff and visitors to the open session of the meeting which was available to the public from the NIH Videocast website.

(<https://videocast.nih.gov/watch=41892>)

Consideration of Minutes of the Meeting of January 2021

Dr. Tucci called the members' attention to the minutes of the January 28 and 29, 2021 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 2023 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 the Council is scheduled for Thursday and Friday, September 9 & 10, 2021.

[Executive Secretary Note: The September 2021 council meeting will be virtual, and we plan to start the meeting at 10:00 a.m. on each day.]

Dr. Tucci introduced NIDCD's Ad Hoc Advisory Council members serving for this meeting, Dr. Laurel Carney Professor, Departments of Biomedical Engineering, Neuroscience, Electrical and Computer Engineering, also the Marylou Ingram Professor in Biomedical Engineering from the University of Rochester and Dr. Jeffrey Holt from Boston Children's Hospital and Harvard Medical School Department of Otolaryngology and Communication Enhancement.

Dr. Tucci thanked the following retiring members for their service on the Advisory Council and promised a certificate of appreciation by mail after the meeting. Each member was provided an opportunity to share with the Council their perspective on council service.

- Dr. John Carey
- Dr. Sandra Gordon-Salant
- Ms. Nanci Linke-Ellis
- Dr. Charlotte Yeh

Dr. Tucci was delighted to announce and welcome Dr. Lisa Cunningham as our new NIDCD Scientific Director and Director of the Division of Intramural Research. In this role, Dr. Cunningham oversees the intramural or “in-house” research programs, which have roughly 165 employees working in 13 labs. Dr. Cunningham completed a clinical fellowship in audiology at Indiana University Medical Center in Indianapolis. She received a Ph.D. in neuroscience from the University of Virginia and then completed a postdoctoral fellowship in auditory neuroscience at the University of Washington in Seattle. After her postdoc, Dr. Cunningham joined the faculty at the Medical University of South Carolina, where her lab conducted the initial studies on heat shock protein (HSP)-mediated protection against ototoxic drug-induced hearing loss and hair cell death. This work was funded by a Research Project Grant (R01) from the NIDCD.

Dr. Cunningham moved to the NIDCD's Section on Sensory Cell Biology in 2011, and she became a tenured senior investigator in 2014. Her lab conducts basic, translational, and clinical studies on hair cell degeneration and hearing loss in the mature inner ear and develops therapeutic strategies to safeguard hearing. An area of particular focus is hearing loss caused by medications, such as certain antibiotics or cancer drugs. She and her team recently found evidence suggesting that a cholesterol-lowering drug called atorvastatin can reduce hearing loss in patients undergoing cancer chemotherapy with cisplatin, which is toxic to hair cells. Her team is pursuing this finding through a Phase 3 clinical trial, the first Phase 3 trial to be conducted within the division.

She replaces Dr. Andrew Griffith, who left NIDCD last year to become the Senior Associate Dean of Research at the University of Tennessee College of Medicine.

Dr. Craig Jordan, our Director of the Division of Extramural Activities (DEA) is planning to retire this summer. Dr. Tucci provided an update on the search for the new Director of DEA sharing that a selection committee has been established, the search is ongoing and hopes to have someone onboard before Dr. Jordan retires in August.

Lastly, Dr. Tucci provided an update on our progress developing a new strategic plan for the Institute. As part of this effort, we have created a new vision statement: “Advancing the science of communication to improve lives.” The vision statement will be used on our public facing materials and in the forthcoming 2022-2027 NIDCD Strategic Plan.

Strategic plan activities for this year include a virtual Kickoff meeting scheduled for July. We are planning for an in-person Idea-Generation meeting for December.

As announced at our January meeting, Drs. Nirupa Chaudhari and Dan Sanes have generously agreed to serve as Advisory Council Liaisons for the strategic planning effort. They will provide

expert advice and perspective to NIDCD's strategic planning process, participate in all activities, and report progress at the September meeting of the Advisory Council.

NIDCD Budget Report..... Mr. Eric Williams

NIDCD's Budget Officer, Mr. Eric Williams, presented information on the NIDCD's 2021 Budget Operating Plan for the fiscal year 2021. The FY2021 budget benefited from a \$18 M increase. That increase was largely applied to the out-year commitments of the grants awarded in prior years. The pie chart shared indicated the allocation of the budget by mission area and Eric noted that the percentages have been stable since FY2019. The good news is that the budget has been enacted, even though the specific details are currently embargoed.

[A copy of the slides Mr. Williams used for this budget presentation is included in Appendix 2]

New R25 Programs at NIDCD..... Dr. Alberto Rivera-Rentas

Dr. Rivera-Rentas presented the new NIDCD initiatives aimed to increase the diversity of the NIDCD research workforce and the participation of clinician-scientists in NIDCD research. He described the recommendations of the NIDCD internal working group on diversity and clinician-scientists training. These recommendations were to develop initiatives that focus on (1) enhancing the diversity of the NIDCD workforce; and (2) engaging clinician-scientists in NIDCD's research. The plan of action consisted of (1) join existing NIH diversity-targeted initiatives; and (2) develop NIDCD-specific initiatives focused on mentoring and research engagement of individuals from diverse backgrounds and clinician-scientists. Examples of NIH-wide programs NIDCD joined are the NIH Blueprint Diversity Specialized Predoctoral to Postdoctoral Advancement in Neuroscience (D-SPAN) Award (F99/K00) ([RFA-NS-19-011](#)) and joined NEI in issuing the Notice of Special Interest (NOSI): National Research Service Award (NRSA) F32 Postdoctoral Fellowship Applications from Individuals from Diverse Backgrounds, Including Under-Represented Minorities ([NOT-EY-21-001](#)). Lastly, he described the newly published NIDCD-specific R25 initiatives focused on mentoring and research engagement of individuals from diverse backgrounds and clinician-scientists. These initiatives are:

- [PAR-21-185 - Mentoring Networks to Enhance Diversity in NIDCD's Extramural Research Workforce \(R25 Clinical Trial Not Allowed\)](#) - Support to create career development activities that will enhance the diversity of researchers from all career stages working in our mission areas.
- [PAR-21-186 - Enhancing NIDCD's Extramural Workforce Diversity through Research Experiences \(R25 Clinical Trial Not Allowed\)](#) - Opportunity to provide research experiences at extramural institutions that will enhance the diversity of researchers from all career stages working in our mission areas.
- [PAR-21-187 - NIDCD's Mentoring Networks to Enhance Clinician-Scientists' Participation in Research \(R25 - Clinical Trial Not Allowed\)](#) - Support to create career development activities for clinician-scientists working in our mission areas.
- [PAR-21-188 - Research Experiences to Enhance Clinician-Scientists' Participation in NIDCD's Research \(R25 - Clinical Trial Not Allowed\)](#) - Opportunity to provide research experiences at extramural institutions to clinician-scientists working in our mission areas.

Report of the Otitis Media Workgroup

Dr. Bracie Watson
Dr. Allen Ryan

Dr. Bracie Watson updated the Council on the NIDCD Workshop on Otitis Media (OM) in Early Childhood. The workshop was held October 8, 2020 (virtually). Otitis media represents a substantial disease burden both in the U.S and globally; especially in underserved populations. Dr. Allen Ryan, the workshop Chairman, gave an overview of OM as a prelude to his scientific presentation entitled “Molecular studies of otitis media pathophysiology and treatment”.

In the U.S., OM is the most common childhood illness, with more than 90% of children having an episode by age 5, and roughly 15% experiencing one of the more serious forms, such as recurrent or chronic OM. The impact of recurring or chronic OM on a child’s development can be significant, leading in some cases to hearing loss and to deficits in speech, language acquisition, learning, and complex auditory processing.

Given the public health burden of OM, the NIDCD convened a workshop to discuss OM in early childhood, with a goal of identifying scientific strategies for accelerating the transition of basic science discoveries to prevention and therapies. The workshop panel was composed of 14 scientific experts and was chaired by Allen F. Ryan, Ph.D., of the University of California, San Diego, a longtime NIDCD grantee in the field of OM and a former advisory council member. The panel included basic and clinical scientists with expertise spanning a wide array of disciplines related to OM, such as biofilms, inflammation, therapeutics, and microbiology

The panel was charged with reflecting upon the following broad topics:

- Otitis media: past, present, and future
- Epidemiology/public health/disease burden
- Research barriers, successes, and translation
- State of treatment/prevention
- Developmental impact of OM and lifetime sequelae
- Workforce pipeline and training

Subpanels for each area met periodically in the months leading up to the workshop. At the workshop, each subgroup shared its report with the full panel, with the deliberations leading to refinements of the final report. The workshop summary documents the outcome of the workshop.

NIDCD scientific program staff will consider the workshop panel’s recommendations and identify strategies that have the greatest potential to advance OM research and lead to more effective prevention and treatment approaches.

Dr. Allen Ryan, of the University of California, San Diego, gave a scientific overview of OM followed by a presentation of his research work on the molecular pathophysiology of OM and study results that have potential as OM treatments. Dr. Ryan’s presentation is available in its entirety in the [May 20 Videocast](#). His presentation starts at approximately the 55 minute point in the video.

Adjournment

The first day of the meeting was adjourned at 3:15 p.m. on Thursday, May 21, 2021.

OPEN SESSION – May 21, 2021

Opening RemarksDr. Tucci

Dr. Tucci welcomed additional staff and visitors to the open session of the meeting which was available to the public from the NIH Videocast website. (<https://videocast.nih.gov/watch=41893>)

Report of the Division of Scientific Programs Dr. Cooper

Dr. Cooper introduced Dr. Hua Ou our newest staff member as a statistician in the Epidemiology and Statistics Program in the Division of Scientific Programs. Dr. Ou is an interdisciplinary researcher-clinician focusing on hearing loss, a statistician with expertise in designing questionnaires and data collection instruments and has over 10 years' experience overseeing programs with an emphasis on hearing health. We look forward to her contributions to the NIDCD in the coming years.

Next Dr. Cooper outlined concepts for NIDCD Research Programs for concurrence by the council. She presented two concepts. The first is the NIDCD Clinical Research Centers (P50) [PAR-19-137](#), currently managed by Dr. Lana Shekim which NIDCD plans to reissue after the last receipt date this coming fall. The other concept is a renewed focus on research opportunities in otitis media (OM). This effort will benefit from the Otitis Media Workgroup's report that you heard about from Dr. Bracie Watson.

Dr. Cooper continued by highlighting several recently published initiatives with attention to NIDCD's mission. First a Notice of Special Interest (NOSI) published to highlight NIDCDs Interest in Supporting Research on the Impact of Covid-19.

- Notice of Special Interest (NOSI): NIDCD is Interested in Supporting Research on the Impact of COVID-19 on Mission Specific Sensory and Communication Disorders ([NOT-DC-20-008](#)).

We have published two announcements targeting hearing healthcare for adults ([RFA-DC-19-001](#) and [NOT-DC-21-001](#)) which are aimed at improving access and affordability to hearing healthcare.

- NIDCD Hearing Healthcare for Adults: Improving Access and Affordability (R21/R33 Clinical Trials Optional) ([RFA-DC-19-001](#)).
- Notice of Special Interest (NOSI): Hearing Healthcare for Adults: Improving Access and Affordability ([NOT-DC-21-001](#))

The last announcement to highlight, targets the impact of structural racism and NIDCD joined this effort led by the National Institute on Minority Health and Health Disparities (NIMHD).

- Understanding and Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities (R01 Clinical Trial Optional) ([RFA-MD-21-004](#)).

We are hopeful that each of these initiatives brings applications that are responsive in the NIDCD mission areas of hearing, balance, vestibular, taste, smell, voice, speech, and language.

Dr. Cooper completed her presentation by recognizing the retirement of Dr. Craig A. Jordan from his position as the Director, Division of Extramural Activities (DEA). Craig has been with NIH for 37 years joining in 1984 as a staff fellow at the National Institute of Neurological and Communicative Disorders and Stroke before NIDCD was an institute. In 1990, Craig joined NIDCD as a Scientific Review Officer managing peer review of NIDCD's grant applications. In 1996 he became Chief of the Scientific Review Branch and in 2002 he became Director of the Division of Extramural Activities, a position he holds today, but not for much longer. During that time Craig served under 4 institute directors including Dr. Jim Snow, Dr. James Battey, Dr. Judith Cooper and Dr. Debara Tucci. She showed some pictures outlining his service. The DEA staff includes the Grants Management Branch and the Scientific Review Branch and additional DEA staff. Over the 19 years as DEA Director he has supervised and mentored many DEA staff members. Craig has always been known to support his staff, not only professionally, but also outside the office including at the annual NIDCD picnic and other events. Dr. Jordan has provided outstanding service and received too many awards to list, but to name a few, he received recognition for service on committees addressing the Early Stage Investigator Program, the Pioneer Award Program, and he received the NIH Director Award for his leadership in the NIH's Enhancing Peer Review Initiative. In addition, he has always supported community engagement, including outreach events like Take Your Child to Work. Of all of his responsibilities, one of the most important has been serving as the Executive Secretary of the NIDCD Advisory Council. As we have learned from the pandemic and learning to hold all of our meetings virtually, Craig has always been prepared.

At that point Dr. Tucci presented, with the help of Cherie Jordan (his wife) the NIDCD Exceptional Service Award, granted for sustained support of the institutes mission in 37 years of service. We sincerely appreciate all Dr. Jordan has done for the Institute.

Report of the Division of Extramural Activities Dr. Jordan

Dr. Jordan introduced Dr. Andrea Kelly who joined the NIDCD's Scientific Review Branch in April as a Scientific Review Officer (SRO). Dr. Kelly received her PhD in neuroscience from the University of Southern California and has been an SRO at NIH since 2012. She started in that capacity at NIDCD, then worked at the Center for Scientific Review for many years where she managed review panels in the areas of language and communication. We welcome her back to NIDCD.

Dr. Jordan next reviewed a number of NIH Notices that had been recently published in the NIH Guide, including the topics of changes to grant application requirements ([NOT-OD-21-109](#), [NOT-OD-21-110](#), [NOT-OD-21-111](#)), the availability of childcare costs on individual fellowship awards ([NOT-OD-21-074](#)), and the ability for early career scientists to request extensions when their careers have been significantly impacted by COVID-19 ([NOT-OD-21-052](#)). NIDCD issued additional guidance to the community about eligibility and the application process for extensions based on the career impact of COVID-19. Applications are due by 8/2/21 and eligibility was expanded beyond Fellowship and Career awardees to include those with Early Career Research (R21) awards. NIDCD has already received and awarded 12 of these supplements. NIDCD has also awarded six of the supplements for childcare costs, even though this opportunity only opened back on April 8th. The last type of supplemental award that he discussed was supplements to NIDCD grants to expand into an Alzheimer's focus. NIDCD has awarded 12 such supplements with funds provided by the National Institute on Aging.

Dr. Jordan then recognized Dr. Sheo Singh, a long-time NIDCD SRO, who joined NIDCD's Scientific Review Branch in 2003 and retired in March after 24 years of NIH service. Dr. Singh was considered a longtime colleague, friend, and contributor to the NIDCD enterprise. Unfortunately, Dr. Singh recently passed away while battling an extended illness. The members of Council recognized Dr. Singh with a moment of silence and recollections.

The final slide in the DEA report listed all division members and their roles.

The NIH UNITE InitiativeDr. Tucci

Dr. Tucci reminded the group that NIH's UNITE effort was recently announced and that this is a huge priority for the NIH and many staff across NIH are involved in making this priority a reality. The different workgroups are working diligently, and we hope to share additional information as their work begins to bear fruit. There are the five primary components that follow from the acronym UNITE:

- Understanding stakeholder experiences through listening and learning
- New research on health disparities, minority health, and health equities
- Improving the NIH culture and structure for equity, inclusion, and excellence
- Transparency, communication, and accountability with our internal and external stakeholders
- Extramural research ecosystem: changing policy, culture, and structure to promote workforce diversity

NIDCD's plans to hire a Chief Diversity Officer are in the works and we look forward to sharing more information in the near future.

Report: NDCD Advisory Council – Working Group onDr. Lisa Goffman Diversity and Inclusiveness Dr. Fan-Gang Zeng

Dr. Tucci then introduced Drs. Lisa Goffman and Fan-Gang Zeng who co-chair this Council Working Group on Diversity and Inclusiveness. Joining them are committee members, Drs. Nirupa Chaudhari, Carol Espy-Wilson, Cynthia Morton, Sandy Gordon-Salant and H. Steven Sims. Dr. Tucci asked this group to provide advice on how we may improve the diversity of our workforce and our science. After numerous discussions over the past several months the Group presented their initial thoughts and asked for a full discussion with the membership. Their report is organized into 5 'Identified Needs' and associated 'Proposed Solutions.' The five areas of Identified Needs include:

1. Funding - Increase the number of investigators from diverse backgrounds, including under-represented minorities (URM) and individuals with disabilities, particularly those with deafness or other communication disorders as NIDCD grant recipients.
2. Workforce and Research Content - Increase the diversity of NIH-funded research to balance not only the demographics of funded researchers but also the content of funded research
3. Pipeline - Increase the pipeline of very early career UD researchers. (UD includes URM and Disability status)
4. Mentoring - Mentor and support UD investigators across research career stages, in partnerships with professional organizations, universities, and NIDCD Council.
5. Information - Increase awareness and accessibility by highlighting NIDCD's commitment to diversity and inclusiveness.

The draft report was shared with members of council in advance of the meeting in order to facilitate in depth discussions. At the meeting, members engaged in extensive discussion of the five areas of need and the many proposed solutions in the draft report. It was noted that a number of the recently announced NIDCD initiatives will help to address some of the needs. Members freely shared experiences and examples of efforts with which they were familiar that might serve to refine the report or serve as exemplar programs/efforts. Discussion touched upon potential feasibility of proposed approaches, costs, unintended consequences, alternative approaches, ethical considerations, and a wide range of other thoughtful considerations.

The workgroup members expressed their appreciation for the in-depth discussions and recommendations. The next step is for the Workgroup to consider and incorporate the feedback from the full Council. The proposed final version of the report will be provided for consideration once it is complete.

Adjournment

The meeting was adjourned at 12:00 p.m. on May 21, 2021.

Certification of Minutes

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

7/20/2021

/Craig A. Jordan/

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

7/20/2021

/Debara L. Tucci/

Debara L. Tucci, M.D., M.S., M.B.A.
Acting Chair
National Deafness and Other Communication
Disorders Advisory Council

Director
National Institute on Deafness and
Other Communication Disorders

Ginger Webb
Council Assistant
NDOD Advisory Council

² These minutes will be approved formally by the Council at the next meeting on September 9 & 10, 2021, and corrections or notations will be stated in the minutes of that meeting.

APPENDICES

APPENDIX 1	NDCD Advisory Council Roster	14
APPENDIX 2	NIDCD Budget Officer Slides.....	16

Roster
National Deafness and Other Communication Disorders Advisory Council
(Terms end on 5/31 of the designated year)

Chairperson
Debara L. Tucci M.D., Director
National Institute on Deafness and Other Communication Disorders
Bethesda, MD 20892

CAREY, John Patrick, M.D. Professor, Department of Otolaryngology The Johns Hopkins University School of Medicine Baltimore, MD 21205	2021	HILLIS, Argye Elizabeth, M.D. M.A. Professor of Neurology Johns Hopkins School of Medicine Baltimore, MD 21205	2024
CHAUDHARI, Nirupa, Ph.D. Professor, Physiology & Biophysics University of Miami School of Medicine Miami, FL 33136	2024	HILLMAN, Robert E., Ph.D. Co-Director and Research Director Center for Laryngeal Surgery and Voice Rehabilitation at Massachusetts General Hospital and Professor of Surgery: Harvard Medical School Boston, MA 02114	2022
EATOCK, Ruth Anne, Ph.D. Professor of Neurobiology Dean of Faculty Affairs, Biological Sciences Division University of Chicago Chicago, IL 60637	2023	KELLEY, Barbara Executive Director Hearing Loss Association of America Bethesda, MD 20814	2023
EINHORN, Richard Consultant Einhorn Consulting, LLC New York, NY 10025	2022	LINKE ELLIS, Nanci Specialty Marketing Consultant for Hearing Loss and Vision Impaired Audiences Culver City, CA 90232	2021
ESPY-WILSON, Carol, Ph.D. Professor, Electrical and Computer Engineering The Institute for Systems Research University of Maryland College Park College Park, MD 20742	2024	MORTON, Cynthia C., Ph. D. William Lambert Richardson Professor of Obstetrics, Gynecology and Reproductive Biology and Professor of Pathology, Harvard Medical School Kenneth J. Ryan, M.D. Distinguished Chair in Obstetrics and Gynecology and Director of Cytogenetics, Brigham and Women's Hospital Chair in Auditory Genetics, University of Manchester Boston, MA 02115	2022
GOFFMAN, Lisa, Ph.D. Professor and Nelle Johnston Chair Callier Center for Communication Disorders School of Behavioral and Brain Sciences University of Texas at Dallas Dallas, TX 75235	2024	MURPHY-BREEN, Lynne Founder of ClearTitle Senior Underwriting and Agency Counsel Chicago Title Commonwealth Land Title (Fidelity National Financial) Boston, MA 02110	2024
GORDON-SALANT, Sandra, Ph.D. Director, Doctoral Program in Clinical Audiology University of Maryland College Park, MD 20742	2021		

SANES, Dan H., Ph. D. 2023
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Ad Hoc Members

HOLT, Jeffrey, Ph.D.
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CARNEY, Laurel, Ph.D.
Marylou Ingram Professor,
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Ex Officio

BECK, Lucille B., Ph.D.
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THEMANN, Christa, M.S. CCC-A
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HENRY, LaKeisha R., M.D, FACS
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Defense Health Agency
Assistant Professor of Surgery, USUHS
Joint Base San Antonio-Lackland,
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COCHRAN, Norris
Acting Secretary
Department of Health and Human Services
Washington, DC 20201

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

Executive Secretary

JORDAN, Craig A., Ph.D.
Director, Division of Extramural Activities
National Institute on Deafness and Other
Communication Disorders
Bethesda, MD 20892

NIDCD Council Budget Report

Eric Williams, Budget Officer
NIDCD Advisory Council Meeting
May 20, 2021

**National Institute on Deafness and
Other Communication Disorders (NIDCD)
FY 2020 vs FY 2021 Operating Plan
(Dollars in thousands)**

<i>Budget Mechanism</i>	FY 2020 Final Allocation		FY 2021 Operating Plan*	
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>
Research Projects				
Noncompeting	622	\$264,153	590	\$263,470
Admin. Supplements	55	\$5,841	38	4,000
Competing	180	\$76,119	162	78,500
Subtotal	802	\$346,113	752	345,970
SBIR/STTR	31	\$15,538	26	15,668
Subtotal, RPG's	833	\$361,651	778	361,638
Research Centers	6	\$15,228	6	15,514
Other Research	80	\$10,687	90	12,008
Total Research Grants	919	\$387,566	874	389,160
Individual Training	133	\$6,494	150	8,079
Institutional Training	158	\$8,307	158	8,788
R & D Contracts	40	\$22,886	40	23,296
Intramural Research		\$42,763		44,000
Research Mgmt. & Support		\$22,671		24,750
TOTAL		\$490,687		\$498,073
Lapse		\$5		*Projected

National Institute on Deafness and Other Communication Disorders (NIDCD)

FY 2011 – FY 2020 Success Rates

