

# **NATIONAL DEAFNESS AND OTHER COMMUNICATION DISORDERS**

## **ADVISORY COUNCIL**

**September 10 & 11, 2020**

**National Institutes of Health**

**Bethesda, Maryland**

## **MINUTES**

The National Deafness and Other Communication Disorders Advisory Council (NDCDAC) convened on September 10 & September 11, 2020 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: September 10, 2020: 12:00 p.m. to 2:20 p.m. for review of individual grant applications; and September 11, 2020: 10:00 a.m. to 10:40 a.m. for review of the Division of Intramural Research's Board of Scientific Counselors reports; and

Open: September 10, 2020: 2:20 p.m. to 4:20 p.m. and September 11, 2020 from 10:40 a.m. to 1:40 p.m., for the review and discussion of program development needs and policy.

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

Dr. John Carey	Ms. Barbara Kelley
Dr. Ruth Anne Eatock	Ms. Nanci Linke-Ellis
Mr. Richard Einhorn	Dr. Cynthia Morton
Dr. Lisa Goffman	Dr. Dan Sanes
Dr. Sandra Gordon-Salant	Dr. Ben Strowbridge
Dr. Robert Hillman	Dr. Charlotte Yeh

Council Members Absent:  
None

Ad-Hoc Council Members in attendance:

Dr. Nirupa Chaudhari	Dr. Carol Espy-Wilson
Dr. Argye Hillis	Dr. Stefan Heller
Ms. Lynne Murphy-Breen	

Ex-Officio Council Members in attendance:

Ms. Christa Themann  
Dr. Lakeisha Henry  
Dr. Judy Schafer

<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.

NIDCD employees present during portions of the meeting:

Dr. Kathy Bainbridge	Mr. Eddie Myrbeck
Mr. James Burton	Mr. Eric Nunn
Dr. Laura Cole	Dr. Amy Poremba
Dr. Judith Cooper	Dr. Kausik Ray
Dr. Janet Cyr	Dr. Alberto Rivera-Rentas
Mr. Hoai Doan	Dr. Elka Scordalakes
Ms. Emma Eggerman	Dr. Lana Shekim
Dr. Nancy Freeman	Dr. Kathy Shim
Dr. Thomas Friedman	Dr. Sheo Singh
Ms. Maria Garcia	Dr. Melissa Stick
Mr. Howard Hoffman	Dr. Susan Sullivan
Ms. Nichelle Johnson	Ms. Nanette Stephenson
Dr. Craig Jordan	Dr. Debara Tucci
Dr. Kelly King	Dr. Bracie Watson
Ms. Mimi Lee	Mr. Mitchell Wainberg
Dr. Chuan-Ming Li	Ms. Ginger Webb
Dr. Trinh Ly	Mr. Tim Wheelles
Dr. Castilla McNamara	Mr. Eric Williams
Dr. Roger Miller	Ms. Kelli Van Zee
Dr. Elyssa Monzack	Mr. Baldwin Wong
Mr. Christopher Myers	Dr. Shiguang Yang

Other federal employees present during portions of the meeting:

Dr. Biao Tian, CSR  
Dr. Janita Turchi, CSR  
Dr. Andrea Kelley, CSR  
Ms. Felice Harper, CIT

The complete Council roster is found in Appendix 1.

## **CLOSED SESSION September 10, 2020**

### **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 1:40 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 113 investigator-initiated R01 grant applications; 102 applications had primary assignment to NIDCD, in the amount of \$38.9 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 13<sup>th</sup> percentile.

#### **Special Program Actions**

1. NIH Mentored Clinical Scientist Research Career Development Award (K08): The Council recommended support of one application.
2. NIH Mentored Patient-Oriented Research Career Development Award (K23): The Council recommended support of one application.
3. NIH Mid-Career Investigator Award in Patient-Oriented Research(K24): The Council recommended support of one application.
4. NIH Support for Conferences and Scientific Meetings (R13): The Council recommended support of two applications and support of one secondarily assigned application.
5. NIH Research Enhancement Award (R15): The Council recommended support of one application.
6. NIH Exploratory/Development Research Grant Award (R21): The Council recommended support of four applications.
7. NIDCD Early Career Research (ECR) Award (R21): The Council recommended support of seven applications.
8. Clinical Research Center Award (P50): The Council recommended support of one application.

9. NIH Small Business Technology Transfer Awards (STTR): The Council recommended support of one Phase I application.
10. NIH Small Business Technology Transfer Awards (STTR): The Council recommended support of one Phase II application.
11. NIH Small Business Innovation Research Awards (SBIR): The Council recommended support for four Phase I (R43) applications.
12. NIH Small Business Innovation Research Awards (SBIR): The Council recommended support of four Phase II (R44) applications.
13. NIDCD Cooperative Agreement for Clinical Trials in Communication Disorders (U01): The Council recommended support for one application.
14. NIDCD Hearing Healthcare for Adults, Improving Access and Affordability (RFA-DC-19-001, R21): The Council recommended support for one application.

### **OPEN SESSION - September 10, 2020**

#### **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=37917>)

Dr. Tucci updated the council about the search for a new Scientific Director (SD) since Dr. Andy Griffith departed on June 1, 2020. The search for a new SD is being Chaired by Dr. Dan Kastner from the National Human Genome Research Institute (NHGRI). The application period closed at the end of July and the search is proceeding nicely. A second search, for a Chief Information Officer at NIDCD, has been completed and we are working on bringing the chosen candidate on board at this time. At the May Advisory Council meeting we had a valuable discussion about the effects of COVID-19 on the extramural research community. Drs. Cooper and Jordan will provide an update during the Friday Open Session.

#### **Consideration of Minutes of the Meeting of May 29, 2020**

Dr. Tucci called the members' attention to the minutes of the May 29, 2020 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 2022 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 Friday, January 29, 2021.

*[Executive Secretary Note: The January 2021 council meeting will be virtual and held on Thursday, January 28, 2021 and Friday January 29, 2021. The tentative plans are to start the meeting at 10:00 a.m. on each day.]*

## **Recognition of New Members**

Dr. Nirupa Chaudhari is Professor of the Department of Physiology and Biophysics with a secondary appointment in the Department of Otolaryngology at University of Miami, School of Medicine. Her research interests include studying how sensory cells function and regenerate by profiling gene expression in different cell types (RNA Seq, single-cell RT-PCR, confocal microscopy) to understand how taste buds function, turnover and differentiate. She has been continuously funded by NIH for years. Dr. Chaudhari is a member of several professional organizations such as the Society for Neuroscience. She has served on editorial boards and is a reviewer of professional journals including Chemical Senses and Journal of Neuroscience. Dr. Chaudhari is widely published and is often invited for lectures nationally and international. She is a grant reviewer for several agencies. She was a member of NIDCD BSC (2003-2008) and CDRC (2011-2015).

Dr. Carol Espy-Wilson is Professor in the Department of Electrical and Computer Engineering, the Institute for Systems Research at the University of Maryland. She combines knowledge of digital signal processing, speech science, linguistics, acoustic phonetics and machine learning to conduct interdisciplinary research in speech and speaker recognition, speech production, speech enhancement and single-channel speech segregation. Her company, OmniSpeech, translated research in her lab on noise suppression and speech enhancement to technology that improves speech-enabled technology in any device, app or platform. She has authored or coauthored numerous articles in journals, conference proceedings and books. Dr. Espy-Wilson is Associate Editor of the Journal of the Acoustical Society of America. She has received many honors and awards including Fellow of the International Speech Communication Association (2018).

Dr. Argye Hillis is Professor in the Department of Neurology, with joint faculty appointments in Physical Medicine and Rehabilitation and in Cognitive Science at Johns Hopkins University. Her research interests include improving the understanding of how language and other cognitive functions are represented and carried out in the brain, how they recover after injury, and how understanding these processes can contribute to evaluation and treatment of stroke and dementia. She is also interested in treatment studies and longitudinal imaging and language studies of Primary Progressive Aphasia. Dr. Hillis has received years of continuous funding from NIH. She is a member of many professional organizations such as American Heart Association/American Stroke Association. Dr. Hillis' editorial activities include Associate Editor for Stroke and Aphasiology. She also serves on the editorial board for the International Journal of Stroke. She has published extensively in journals and textbooks. Dr. Hillis has been an active member for grant reviews for NIH.

Ms. Lynne Murphy Breen is Director and Founder of ClearTitle. She is a Senior Underwriting and Agency Counsel for Chicago Title Insurance Company and Commonwealth Land Title Insurance Company (Fidelity National Financial). Her professional interests are in the areas of title insurance, technology and transaction services to the real estate and mortgage industries. She is a lecturer for Massachusetts continuing legal education and has published several articles related to legal education. Ms. Murphy Breen is a member of the Usher Syndrome Coalition and the Usher Syndrome Society and serves as an advocate for the Usher's community.

## **NIDCD Budget Report..... Mr. Eric Williams**

NIDCD's Budget Officer, Mr. Eric Williams, presented information on the current and previous fiscal year budgets. He shared the NIDCD's 2020 Budget Operating Plan as compared against

the FY 2019 final allocation. The FY2020 budget benefits from a \$18 M increase. That increase is largely applied to the out-year commitments of the grants awarded in prior years. The Administrative Supplements line has been increased by \$3 M to \$5.4 M which will allow support of anticipated supplemental requests related to the COVID-19 pandemic. He indicated that FY 2021 would likely start on a continuing resolution which sets funding at the FY 2020 enacted level. Proposals by the President, House and Senate all point to significant growth at NIH to support COVID-related activities as well as, across-the-board increases. These proposals if enacted would result in budget increases of 5-10 percent. Caution abounds because many factors play into the budget like the outcome of the election.

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

#### **Strategic Planning Update.....Dr. Tucci**

The NIDCD is in the beginning stages of developing a new Strategic Plan that will cover the years 2022–2026. We envision a more robust process, breaking down the science in our portfolio into what we do well and what we can do better. We also want to assess the current needs in the field, especially the public health impact of diseases and disorders in our mission areas. This has proven to be challenging so we are involving a lot of expertise from our staff including Dr. Laura Cole from our Science Policy and Planning Branch. We will be asking for council to assist us at different points in the process.

The plan has been delayed in getting started due to COVID-19 related issues, but now we are starting to take the first steps. Over the coming year there will be a series of meetings that will ask stakeholders questions regarding the mission of the NIDCD. We plan to present the strategic plan 2022-2026 to the Council for approval at the May 2022 Council meeting.

#### **Strategic Planning Portfolio Analysis..... Dr. Laura Cole**

Dr. Tucci introduced Dr. Laura Cole to present the efforts she has been leading on portfolio analysis. Dr. Laura Cole presented the background data collected to-date to inform development of the 2022-2026 NIDCD Strategic Plan. Scientists helping develop the next Strategic Plan will consider these data to help NIDCD prioritize its research investment and to identify new areas of opportunity. Dr. Cole shared an analysis of the current NIDCD portfolio and the results of the request for information completed in early 2020. To identify potential areas where NIDCD research could address public health needs, Dr. Cole shared data from a nationwide survey illustrating the number of diagnoses of conditions within NIDCD's mission. She also presented some prevalence estimates of mission-relevant conditions derived from a literature survey. Dr. Cole closed by thanking the people who helped develop these data, including colleagues from the CDC National Center for Health Statistics, NIDCD Division of Scientific Programs Epidemiology branch and members of the NIDCD Science Policy Branch. The session allowed time for questions and answers and set the stage for future discussions.

**Workforce and Health Disparities: Moving Forward.....Dr. Tucci**

Dr. Tucci introduced the next session on Workforce and Health Disparities by providing an overview of where NIDCD stands in supporting diversity in the biomedical workforce. In her talk she examined the current state of NIDCD awardees experience and filtered the data through several lenses including disability vs. underrepresented, hearing disabilities vs. other disabilities, the landscape of awardees at all career stages, and factors that underlie the funding gap to African-American/Black Scientist. Dr. Tucci highlighted 'Action Steps' that are under consideration and then introduced Drs. Lisa Goffman and Fan-Gang Zeng who moderated the council discussion.

**Workforce and Health Disparities: Council Discussion ..... Dr. Lisa Goffman  
Dr. Fan-Gang Zeng**

Dr. Lisa Goffman and Dr. Fan-Gang Zeng moderated council discussion which was motivated by a series of questions provided in advance. Those questions were:

- a) How can training opportunities be expanded to increase pipeline of interested and qualified URM and gender diverse workforce (include hearing impaired scientists)?
- b) How can we support transition from training to faculty (fellowships to K, K to R)?
- c) How can we best support faculty through mid-career?
- d) Issues related to mentoring, peer-mentoring, sponsorship, cohort hiring
- e) What do you find to be the challenges in your own institutional environments? What works?

The discussion began by acknowledging the input from many extramural colleagues which was shared throughout the discussion. Dr. Goffman restated the goal to “change the demographics of funded researchers and to shift the balance of the content of funded research” and a stated outcome to “improve the quality of science and its translation by bringing in diverse ideas and addressing unmet needs that affect the health of all Americans”. The group provided ideas for expanding training opportunities to increase the pipeline. They shared ideas for supporting the transition from training to faculty through mid-career including the possibility of dedicating funds to increase the number of awards to underrepresented minorities. They wrapped up the discussion by sharing ideas to ensure diversity, respect and inclusivity, pointing to training for grant reviewers and addressing system biases that occur at different points in a scientist's career development.

Dr. Tucci thanked the council and the moderators, Drs. Goffman and Zeng, for their discussions and advice to NIDCD regarding Workforce and Health Disparities in the our mission areas.

The first day of the meeting was adjourned at 4:20 p.m. on Thursday, September 10.

**CLOSED SESSION September 11, 2020**

**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**

Dr. Jordan briefly reminded Council of the procedures of this special closed session and that the meeting would move into Open Session at approximately 10:50 a.m.

**Board of Scientific Counselors Report ..... Dr. Thomas Friedman**

Dr. Tucci welcomed Dr. Thomas Friedman, Acting Director of NIDCD's Division of Intramural Research. As stipulated by law, each institute must provide annually to its National Advisory Council an overview of the Intramural Research Program. The overview includes reports of the Board of Scientific Counselors (BSC), and the responses of the Scientific Director. This presentation is 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. Friedman presented Reports of the BSC regarding the review of several intramural laboratories. He then presented his responses to the reports and responded to questions from Council.

*[Executive Secretary Note: During the BSC presentation, attendance was restricted to the Council members, the Executive Secretary and a few senior NIDCD administrators.]*

**OPEN SESSION - September 11, 2020**

**Opening Remarks .....Dr. 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=37920>)

**Report of the Division of Intramural Research .....Dr. Friedman**

NIH policy requires that the National Advisory Council for each institute review the activities of their respective intramural program once a year. Dr. Thomas B. Friedman, Acting Scientific Director of NIDCD's Division of Intramural Research, presented the 2020 report.

The intramural program is currently composed of six tenured investigators, three tenure-track investigators, and three surgeon scientists along with a large contingent of supporting scientists. In addition, there are three Scientists Emeriti Dr. Richard Chadwick, Dr. Dennis Drayna and Dr. Barry Horwitz. He also noted that three of the scientists listed on the page, Drs. Katie Kindt, Catherine Weisz and Andrew Griffith were past award winners of the Presidential Early Career Awards for Scientists and Engineers (PECASE) which is the highest award recognizing outstanding scientists and engineers at the outset of their careers.

As you heard at the beginning of today's meeting, Dr. Andrew Griffith departed for a position at the University of Tennessee Health Science Center as Senior Associate Dean for Research. In place at NIDCD the staff who supported him in this role that continue to support me in the interim are Dr. Elyssa Monzack, who is the Intramural Chief of Staff and Ms. Lynne Penn who is



the Chief Administrative Officer for the Intramural program. This program continues to smoothly run due largely to their efforts.

Oversight for the Intramural program is provided by the Board of Scientific Counselors. Dr. Paul Manis serves as Chair of the BSC. The BSC currently contains eight members composed of prominent researchers including several past Advisory Council members.

Dr. Friedman provided information about the NIDCD's Otolaryngology Surgeon-Scientist Program that is geared toward an integration of clinical and basic research opportunities in a mentored environment. The goal is to provide early career faculty development through graduated independence and resources. In addition, the intramural program provides a culture of scholarly inquiry and scientific rigor in conjunction with opportunities to maintain their important surgical skills. He also noted the strategic relationships for NIDCD with three local hospitals including the Walter Reed National Military Medical Center (WRNMMC), Suburban Hospital and Georgetown University where these surgeon-scientists can not only build their skills as researchers, but also as surgeons in the field of otolaryngology. The WRNMMC includes an otolaryngology residency program that also contributes residents into this strategic relationship.

The seventh EARssentials course was held in July 2020 at the Porter Neuroscience Research Center with the focus being, "Concepts and Techniques of Contemporary Hearing Research." In 2020 the course format was converted to a virtual discussion series where participants first watched recorded lectures and then participated in live discussion groups. There was also a live mouse genetics lab that included 44 participants.

## **Report of the Division of Scientific Programs ..... Dr. Cooper**

Dr. Cooper outlined NIDCD's role and participation in COVID FOAs across the NIH including programs such as Rapid Acceleration of Diagnostics (RADx-rad) (which includes a focused FOA on Chemosensory Testing); INCLUDE (INvestigating Co-occurring conditions across the Lifespan to Understand Down syndrome); and RADX-UP (focused on the impact of COVID-19 in vulnerable and health disparate populations).

In the next topic, Dr. Cooper presented concepts that are in the early planning stages for what might become initiatives (such as requests for applications or notices of special interest) or other activities (such as workshops or working groups). Concepts requiring clearance also may include scientific topics that NIDCD intends to continue using as vehicles for receipt of applications. Concepts are discussed with the NIDCD Advisory Council even though they may have been developed through other public venues. The concepts presented at this meeting included:

### Re-Issuances

- NIDCD Early Research Career Award (R21) (PAR-18-487)
- NIDCD Research Grants for Translating Basic Research into Clinical Tools (R01) (PAR-18-533)

### New Concept

- Research Opportunities in Health Disparities in Communication Disorders.

Members unanimously approved the proposed concepts. Council approval of a concept does not guarantee that it will become an initiative. That decision would be based on scientific and programmatic priorities and the availability of funds.

#### **Report of the Division of Extramural Activities ..... Dr. Jordan**

Dr. Jordan began by sharing some follow-up information related to last May meeting's COVID discussions. He mentioned the July 7, 2020 memo from Dr. Tucci which addressed many of the recommendations from the May meeting. In addition, he shared examples of issues raised and discussed with NIDCD grantees or accommodations that had been granted:

- Whether to convert face to face testing/interventions into telehealth procedures.
- When to request IRB approval for major changes.
- Possibilities for carrying over funds and no cost extensions.
- Granted two requests to carryover training related expenses (T32)
- Granted one request for a 3<sup>rd</sup> No Cost Extension

Next Dr. Jordan provided a link to the NIH website for all things COVID-19 related (<https://www.nih.coronavirus>) and he used that web site to review the many changes that have been introduced to the grant application and review process as the impact of the COVID pandemic developed. He highlighted a number of NIH Notices that modified NIH practices for application submission and review processes.

Dr. Jordan closed by reviewing the large number of interim actions that had been processed by NIDCD staff during the current year. Those actions included Change of Institution, Change of PI, Supplements to Promote Diversity and some other NIDCD-specific supplement programs. There was also a large number of supplement programs in which NIDCD-grantees benefited from funds made available by the Office of the Director or other Institutes. Those programs had targeted goals including research on COVID-19 topics, Alzheimer's and related dementias research, retention of early career scientists, developing software tools, and more.

#### **Dementia & Hearing Loss..... Dr. Kelly King Dr. Coryse St. Hillaire-Clark Dr. Frank Lin**

NIDCD's panel presentation on *Hearing and Dementia* occurred during the open session of the NIDCD Advisory Council meeting on Friday September 11, 2020. Dr. Kelly King, NIDCD Program Officer, presented an overview of the institute's portfolio and spending on Alzheimer's Disease and Related Dementias over the last 10 years. She was followed by Dr. Coryse St. Hillaire-Clarke, Program Director from the National Institute on Aging, who presented an overview of NIA sensory research funding. This included information on the National Alzheimer's Project Act and associated NIA appropriations, as well as funded grants on auditory and chemosensory research in aging and Alzheimer's disease. Finally, Dr. Frank Lin from Johns Hopkins University provided a scientific lecture on *Hearing Loss and Dementia*. Dr. Lin's presentation covered principles of hearing, cognition, and dementia, and the theoretical framework underlying the association of hearing loss and dementia. He then provided existing scientific evidence and current studies linking hearing and cognitive function and concluded by

highlighting research gaps and opportunities. The session included a period for NDCD Advisory Council members to ask questions of all three presenters.

### **Adjournment**

The meeting was adjourned at 1:40 p.m. on September 11, 2020.

## Certification of Minutes

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

11/10/2020

/Craig A. Jordan/

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

11/10/2020

/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

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<sup>2</sup> These minutes will be approved formally by the Council at the next meeting on January 28 & 29, 2021, and corrections or notations will be stated in the minutes of that meeting.

## **APPENDICES**

APPENDIX 1	NDCD Advisory Council Roster .....	14
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**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. 2021  
Professor, Department of Otolaryngology  
The Johns Hopkins University  
School of Medicine  
Baltimore, MD 21205

EATOCK, Ruth Anne, Ph.D. 2023  
Professor of Neurobiology  
Dean of Faculty Affairs,  
Biological Sciences Division  
University of Chicago  
Chicago, IL 60637

EINHORN, Richard 2022  
Consultant  
Einhorn Consulting, LLC  
New York, NY 10025

GOFFMAN, Lisa, Ph.D. 2024  
Professor and Nelle Johnston Chair  
Callier Center for Communication  
Disorders  
School of Behavioral and  
Brain Sciences  
University of Texas at Dallas  
Dallas, TX 75235

GORDON-SALANT, Sandra, Ph.D. 2021  
Director, Doctoral Program in Clinical  
Audiology  
University of Maryland  
College Park, MD 20742

HILLMAN, Robert E., Ph.D. 2022  
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

KELLEY, Barbara 2023  
Executive Director  
Hearing Loss Association of America  
Bethesda, MD 20814

LINKE ELLIS, Nanci 2021  
Specialty Marketing Consultant  
for Hearing Loss and Vision Impaired  
Audiences  
Culver City, CA 90232

MORTON, Cynthia C., Ph. D. 2022  
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

SANES, Dan H., Ph. D. 2023  
Professor  
Center for Neural Science  
New York University  
New York, NY 10003

STROWBRIDGE, Ben W., Ph.D.      2023  
Professor of Neuroscience  
Departments of Neuroscience and  
Physiology/Biophysics  
Case Western Reserve University  
School of Medicine  
Cleveland, OH 44106

### **Ad Hoc Members**

CHAUDHARI, Nirupa, Ph.D.  
Professor, Physiology & Biophysics  
University of Miami School of Medicine  
Miami, FL 33136

ESPY-WILSON, Carol, Ph.D.  
Professor, Electrical and Computer  
Engineering  
The Institute for Systems Research  
University of Maryland College Park  
College Park, MD 20742

HILLIS, Argye Elizabeth, M.D. M.A.  
Professor of Neurology  
Johns Hopkins School of Medicine  
Baltimore, MD 21205

### **Ex-Officio**

BECK, Lucille B., Ph.D.  
Director  
Audiology and Speech Pathology Service  
Department of Veterans Affairs  
Washington, DC 20422

HENRY, LaKeisha R., M.D, FACS  
Division Chief, Hearing Center for  
Excellence  
Defense Health Agency  
Assistant Professor of Surgery, USUHS  
Joint Base San Antonio-Lackland,  
Lackland, TX 78236

### **Executive Secretary**

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

YEH, Charlotte S., M.D.      2021  
Chief Medical Officer  
AARP Services, Inc.  
Washington, DC 20049

HELLER, Stefan, Ph.D.  
Edward C. and Amy H Sewall Professor,  
School of Medicine  
Otolaryngology – Head and Neck Surgery  
Stanford University  
Stanford, CA 94305

MURPHY-BREEN, Lynne  
Founder of ClearTitle  
Senior Underwriting and Agency Counsel  
Chicago Title Commonwealth Land  
Title (Fidelity National Financial)  
Boston, MA 02110

THEMANN, Christa, M.S. CCC-A  
Research Audiologist  
Hearing Loss Prevention Team  
Division of Applied Research and  
Technology  
National Institute for Occupational Safety  
And Health (NIOSH)  
Cincinnati, OH 45226

AZAR II, Alex M.  
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

# **NIDCD Council Budget Report**

Eric Williams, Budget Officer  
NIDCD Advisory Council Meeting  
September 2020



**National Institute on Deafness and  
Other Communication Disorders (NIDCD)  
Comparing FY 2019 and FY 2020 Operating Plans  
(Dollars in thousands)**

<i>Budget Mechanism</i>	FY 2019 Final Allocation		FY 2020 Operating Plan*	
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>
<b>Research Projects</b>				
Noncompeting	614	\$249,191	628	\$268,202
Admin. Supplements	23	1,498	45	5,450
Competing	195	82,093	181	73,782
Subtotal	809	332,782	809	347,434
<b>SBIR/STTR</b>	38	14,639	33	15,262
Subtotal, RPG's	847	347,421	842	362,696
<b>Research Centers</b>	6	14,352	7	14,827
<b>Other Research</b>	74	10,748	73	10,524
Total Research Grants	927	372,521	922	388,047
<b>Individual Training</b>	123	5,860	136	6,434
<b>Institutional Training</b>	157	8,111	162	8,361
<b>R &amp; D Contracts</b>	41	20,686	41	22,050
<b>Intramural Research</b>		42,558		42,700
<b>Research Mgmt. &amp; Support</b>		23,251		23,100
<b>TOTAL</b>		\$472,987		\$490,692

\*Projected

**National Institute on Deafness and  
Other Communication Disorders (NIDCD)**

**FY2021 Budget Outlook**  
(Dollars in Thousands)

- FY 2019 Enacted: \$474,404
- FY 2020 Enacted: \$490,692
- FY21 will likely start on a continuing resolution which sets funding at the FY20 Enacted level.
- Proposals by the President, House and Senate all point to significant growth at NIH to support COVID-related activities, as well as, across-the-board increases.
- These proposals, if enacted, would result in NIDCD budget increases of 5-10%.