

Resource Summary Report

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National Institute on Deafness and Other Communication Disorders

RRID:SCR_012859

Type: Tool

Proper Citation

National Institute on Deafness and Other Communication Disorders (RRID:SCR_012859)

Resource Information

URL: <http://www.nidcd.nih.gov/>

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Description: The National Institute on Deafness and Other Communication Disorders (NIDCD) is one of the Institutes that comprise the National Institutes of Health (NIH). Established in 1988, NIDCD is mandated to conduct and support biomedical and behavioral research and research training in the normal and disordered processes of hearing, balance, smell, taste, voice, speech, and language. The Institute also conducts and supports research and research training related to disease prevention and health promotion; addresses special biomedical and behavioral problems associated with people who have communication impairments or disorders; and supports efforts to create devices which substitute for lost and impaired sensory and communication function. It is estimated that more than 46 million people in the United States suffer some form of disordered communication. NIDCD has focused national attention on disorders of human communication and has contributed to advances in biomedical and behavioral research that will improve the lives of millions of individuals with communication disorders. NIDCD has made important contributions to the body of knowledge needed to help those who experience communication disorders and to advance research in all aspects of human communication. NIDCD accomplishes its mandate through the Division of Intramural Research, which conducts research in laboratories at the NIH, and the Extramural Research Program, a program of research grants, career development awards, individual and institutional research training awards, center grants, and contracts to public and private research institutions and organizations. As a whole, the Institute supports and conducts approximately 600 research projects. The Institute also conducts and supports research and research training in disease prevention and health promotion and the special biomedical and behavioral problems associated with people having communication impairments and disorders. NIDCD's extramural grant portfolio demonstrates a balance of basic and clinical research. The intramural research program spans a variety of topics,

including, but not limited to, the development of a vaccine against otitis media, the identification and characterization of genes responsible for hereditary hearing impairment, genes associated with neoplasms affecting human communication, and treatment of voice disorders.

Abbreviations: NIDCD

Synonyms: National Institute on Deafness Other Communication Disorders

Resource Type: institution

Resource Name: National Institute on Deafness and Other Communication Disorders

Resource ID: SCR_012859

Alternate IDs: nlx_inv_1005114, Crossref funder ID: 100000055, Wikidata: Q10843453, grid.214431.1, ISNI: 0000 0001 2226 8444

Alternate URLs: <https://ror.org/04mhx6838>

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260808T190004+0000

Ratings and Alerts

No rating or validation information has been found for National Institute on Deafness and Other Communication Disorders.

No alerts have been found for National Institute on Deafness and Other Communication Disorders.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Howe JR, et al. (2026) Control of innate olfactory valence by segregated cortical amygdala circuits. eLife, 14.

Huggins JE, et al. (2026) A Flash Group Creation Algorithm for P300 Brain-Computer Interface Integration with Irregular Assistive Technology Keyboard Layouts. Sensors (Basel, Switzerland), 26(7).

Qiu W, et al. (2026) Connexin 26 in Hearing Health and Disease: StructuralFoundations, Mutation Mechanisms, and Therapeutic Perspectives. International journal of molecular

sciences, 27(11).

Rolón-Martínez S, et al. (2026) Thalamic reticular neurons provide cell type-specific modulation of sound processing in the auditory thalamus. *PLoS biology*, 24(3), e3003693.

Chen C, et al. (2026) Behavioral engagement facilitates auditory neuron responses beyond their receptive fields. *PLoS biology*, 24(3), e3003707.

Sweat SC, et al. (2026) Longitudinal assessment of fluorescence stability shows fluorescence intensity decreases over time: implications for fluorescence microscopy studies. *PloS one*, 21(3), e0343635.

Chen Z, et al. (2026) Adult-neurogenesis allows for representational stability and flexibility in early olfactory system. *eLife*, 14.

Gauthier DW, et al. (2025) Altered auditory feature discrimination in a rat model of Fragile X Syndrome. *PLoS biology*, 23(7), e3003248.

Kang H, et al. (2025) Rapid rebalancing of co-tuned ensemble activity in the auditory cortex. *eLife*, 14.

Stockbridge MD, et al. (2025) Lesion volume and location can be estimated by analysis of the new NIH Stroke Scale picture description. *PloS one*, 20(12), e0337429.

Burkhardt-Reed MM, et al. (2025) Frequencies and functions of vocalizations and gestures in the second year of life. *PloS one*, 20(1), e0308760.

Rowe HP, et al. (2025) Differential involvement of feedback and feedforward control networks across disfluency types in adults who stutter: Evidence from resting state functional connectivity. *PloS one*, 20(9), e0333205.

Kinney HC, et al. (2025) Serotonergic receptor binding in the brainstem in the Sudden Infant Death Syndrome in a high-risk population. *PloS one*, 20(9), e0330940.

Anbuhl KL, et al. (2025) Developmental auditory deprivation in one ear impairs brainstem binaural processing and reduces spatial hearing acuity. *PLoS biology*, 23(9), e3003337.

Murphy C, et al. (2024) Integrating the patient's voice into the research agenda for treatment of chemosensory disorders. *Chemical senses*, 49.

Burton SD, et al. (2024) Fast-spiking interneuron detonation drives high-fidelity inhibition in the olfactory bulb. *PLoS biology*, 22(8), e3002660.

Zhu Y, et al. (2024) Evolutionarily conserved brainstem architecture enables gravity-guided vertical navigation. *PLoS biology*, 22(11), e3002902.

Liu CM, et al. (2024) Impact of sinus surgery in people with cystic fibrosis and chronic rhinosinusitis in the era of highly effective modulator therapy: Protocol for a prospective observational study. *PloS one*, 19(9), e0310986.

McAllister T, et al. (2024) Comparing online versus laboratory measures of speech perception in older children and adolescents. *PloS one*, 19(2), e0297530.

Wang H, et al. (2024) Perceptual formant discrimination during speech movement planning. PloS one, 19(4), e0301514.