

RACHAEL FRUSH HOLT

Updated 07/01/2026

GRANT ACTIVITY

National Institutes of Health – NIDCD	
Research Service Award for Individual Predoctoral Fellows	2002-2003
Grant Number 1 F31 DC05919	
Project title: “Non-sensory factors in children’s speech perception”	
Role: Principal Investigator	Award amount: \$27,120
American Speech-Language-Hearing Foundation	
Research Grant for New Investigators	2005
Project title: “A test of audiovisual integration for children with sensory aids”	
Role: Principal Investigator	Award amount: \$5,000
American Hearing Research Foundation	2005-2006
Project title: “Assessing audiovisual sentence recognition in children with sensory aids”	
Role: Principal Investigator	Award amount: \$19,904
Indiana University	2006
Summer Faculty Fellowship	
Project title: “Developing a speech discrimination procedure for clinical pediatric populations”	
Role: Principal Investigator	Award amount: \$8,000
American Speech-Language-Hearing Foundation	
Research Grant for New Investigators (Carolyn Richie, PI)	2006
Project title: “The contribution of visual cues for vowels and consonants to speech recognition by listeners with hearing loss”	
Role: Consultant	Award amount: \$5,000
National Institutes of Health – NIDCD	2008-2014
Grant Number R01 DC009581 (David Pisoni, PI)	
Project title: “Neurocognitive processes in deaf children with cochlear implants”	
Role: Consultant	Award amount: \$3,098,452
Indiana University	2009-2010
Faculty Research Support Program	
Project title: “Toddlers’ speech sound discrimination: A potential diagnostic predictor”	
Role: Principal Investigator	Award amount: \$44,745
National Institutes of Health – NIDCD	2009-2012
Grant Number R21 DC010027 (Tessa Bent, PI)	

Project title: "Children's perception of foreign-accented speech"	
Role: Consultant	Award amount: \$357,207
Indiana University	2009-2010
Faculty Research Support Program (Siang Lee Hong, PI)	
Project title: "Hearing loss, working memory, and visuomotor development in children"	
Role: Co-investigator	Award amount: \$37,574
National Institutes of Health – CHHD	2010-2013
Grant Number T32 HD007475 (Linda Smith, PD)	
Project title: "Training Program in Integrative Developmental Processes"	
Role: Core Faculty	Award amount: \$1,053,971 (Y1-Y3)
Indiana University	2012-2013
Indiana University Collaborative Research Grant	
Project title: "Family Environment and its Role in Outcomes in School-Age Children with Hearing Loss"	
Role: Principal Investigator	Award amount: \$67,064
National Science Foundation	2018-2021
Grant Number 1461039 (Kathryn Campbell-Kibler Nikole Patson, PIs)	
Project title: "REU Site: The Science of Language and the Language of Science"	
Role: Faculty Mentor	Award amount: \$353,750
Indiana and Purdue Universities	2016-2017
Indiana Clinical and Translational Science Award (funded by the NIH)	
Project title: "Executive Functioning in Children and Adolescents with Mild to Severe Hearing Loss: A Pilot Study" (William Kronenberger, PI)	
Role: Co-Investigator	Award amount: \$22,957
National Institutes of Health – NIDCD	8/1/2016-7/31/2022
Grant Number R01 DC014956 (David Pisoni, Co-PI)	
Project title: "Family Processes in Developmental Outcomes of Pediatric Hearing Loss"	
Role: Principal Investigator	Total Direct Costs: \$2,554,843
National Institutes of Health – NIDCD	3/1/2017-2/28/2020
Grant Number R21 DC06134 (Irina Castellanos, PI)	
Project title: "Psychosocial Outcomes in Deaf Children with Cochlear Implants"	
Role: Consultant	Total Direct Costs: \$477,866
Oberkottter Foundation	8/1/2017-7/31/2018
Community Collaboration – Planning Grant (Derek Houston, PD)	
Project title: "Children's Hearing and Language Development Resource Network (CHLDRN) of Ohio"	
Role: OSU SHS Representative	Award amount: \$98,937

National Institutes of Health – NIDCD	8/1/2017-7/31/2019
Grant Number 1R56 DC015492 (Tina Grieco-Calub, PI)	
Project title: “Effects of hearing experience on audiovisual speech perception in children”	
Role: Consultant	Total Direct Costs: \$402,530
National Science Foundation	3/1/2020-8/31/2023
Grant Number BCS – 1941662 (Tessa Bent, co-PI)	
Project title: “Collaborative research: How accent distance impacts word recognition across development”	
Role: Co-PI	Total Direct Costs: \$415,752
National Institutes of Health – NIDCD	3/1/2020-7/31/2025
Grant Number R01 DC018596 (Tina Grieco-Calub, PI)	
Project title: “The influence of visual speech on lexical access in children”	
Role: Consultant	
The Ohio State University	7/1/2024-6/30/2026
Center for Cognitive and Brain Sciences (Zeynep Saygin, co-PI)	
Project title: “Prenatal neural architecture of the linguistic mind”	
Role: Co-PI	Total Direct Costs: \$100,000
Center for Clinical and Translation Science and Nationwide Children’s Hospital	8/01/2024-7/31/2025
Pilot Translational and Clinical Students Program (Zeynep Saygin, PI)	
Project title: “Perinatal neurobiological markers of cognitive outcome in normotensive and preeclampsia pregnancies”	
Role: Co-I	Total Direct Costs: \$49,868
National Institutes of Health – NIDCD	8/01/2026-07/31/2031
Grant Number 2R13 DC015399 (R. McCreery, PI)	
Project title: “Building the Next Generation of Clinical Researchers - American Auditory Society”	
Role: Co-I	Total Direct Costs: \$229,250