

**Haley Neil Calloway, Au.D., CCC-A**

University of South Florida, Morsani College of Medicine, Tampa, Florida

**Address**

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**Clinical Sites**

University of South Florida  
Morsani Center for Advanced Healthcare  
13220 USF Laurel Dr.  
Tampa, FL 33612  
Fax: (813) 974-7586

Tampa General Hospital  
Outpatient Rehabilitation - Westshore Center  
1411 N West Shore Blvd  
Tampa FL 33607

**Citizenship:** USA Citizen**Education**

University of South Florida (USF) Doctor of Audiology (Au.D.)	2017-2021
Florida State University (FSU) Bachelor of Science in Communication Sciences and Disorders Minor in Child Development Certificate in Developmental Disabilities Magna Cum Laude	2014-2017

**Licensure & Certification**

State of Florida Department of Health – Audiologist (AY2469)	Active
ASHA Certificate of Clinical Competence (CCC-A: 14415838)	Active

**Awards, Honors, Honorary Society Memberships**

Member, ASHA Pediatric Special Interest Group (Sig 9)	2022-2023
Member, American Auditory Society (AAS)	2021-2023
Member, American Academy of Audiology	2020-2023
Member, American Speech-Language Hearing Association (ASHA)	2022-2023
James and Susan Jerger Award for Excellence in Student Research	2020

John M. Tragon III Scholarship Volunteer & Community Involvement 2020, 2021

**Appointments** (academic, administrative, hospital, other)

Associate Professor (Non-Tenure Track) University of South Florida, Department of Otolaryngology – Head & Neck Surgery	2022 - Present
Instructor 1 University of South Florida, Department of Otolaryngology – Head & Neck Surgery	2021 - 2022
Non-Employee, Credentialed Provider, Research Associate Tampa General Hospital	2021 - Present
Clinical Director Special Olympics Healthy Hearing Program	2021 - Present
Research Audiologist, Investigator and Study Coordinator University of South Florida, Auditory Rehabilitation & Clinical Trials Laboratory	2021 - Present
Clinical Audiologist, Hearing and Balance Center University of South Florida, Department of Otolaryngology – Head & Neck Surgery	2021 - Present
Audiology Intern, Clinical Johns Hopkins All Children's Hospital	2019 - 2021
Graduate Research Assistant University of South Florida, Auditory Rehabilitation & Clinical Trials Laboratory	2020 - 2021
Audiology Intern Suncoast ENT Surgical Specialists and Hearing Center	2018
Neonatal Hearing Screener Tampa General Hospital	2017 - 2018

**Teaching, Lecture**

Otolaryngology Resident Core Curriculum Lectures/Topics: Audiology Case Study	2023
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**Teaching, Supervisory**

Internship and Externship Supervision - Doctor of Audiology (AuD)	2021 – Present
Undergraduate Research Mentor	2022 – Present

**Teaching, Directed Research**

**Teaching, Research Supervisory & Training**

**Scholarly Activity, Funded Research**

**A1) Current Federal Grants**

Agency: NIH/NIA  
 I.D.# 1R01 AG075083  
 Title: "Early Age-Related Hearing Loss Investigation  
 (EARHLI): A Randomized Controlled Trial to Assess Mechanisms

Linking Early Age-Related Hearing Loss and Alzheimer's Disease and Related Dementias”

P.I.: Justin Golub, MD, Ms

Role on Project: Site PI, Co-Investigator

Percent effort: 40%

Anticipated direct costs to USF per year for 5 years: \$57,583- \$63,276

Anticipated total costs to USF per year for 5 years: \$86,067- \$94,598

Anticipated direct costs per year for project: \$576,462 - \$700,158

Anticipated total costs for project period: \$5,896,247

Project period: 9/12/2022 - 09/01/2027

Agency: NIH/NIA

I.D.# 1R01AG076518

Title: “Long-term effects of hearing intervention on brain health in the Aging and Cognitive Health Evaluation in Elders (ACHIEVE) randomized study”

P.I.: Frank Lin, MD, PhD

Role on Project: Site PI, Co-Investigator

Percent effort: 10%

Direct costs per year for 5 years: \$72,046

Total costs per year for 5 years: \$102,584

Direct costs per year for project: \$2,991,466

Total costs for project period: \$16,753,830

Project period: 7/01/2022-3/31/2027

Agency: NIH/NIDCD

I.D.# 1R01 DC019408

Title: “Randomized Trial of Telehealth vs Conventional Hearing Care Delivery in the ACHIEVE Study”

MP.I.: Victoria Sanchez, AuD, PhD; Frank Lin, MD, PhD

Percent effort: 10%

Direct costs to USF per year for 5 years: \$52,564 -\$63,446

Total costs to USF per year for 5 years: \$78,583-\$94,852

Direct costs per year for project: \$566,703 - \$511,974

Total costs for project period: \$3,154,952

Project period: 09/01/2021 – 05/31/2026

**A2) Non Federal Grants/Awards/Contracts**

**A3) Current Clinical Trials/Industry Sponsored Contracts**

Agency: Sonova Holding AG

I.D.# n/a

Title: “Evaluation of long-term benefits of patients who could utilize an Osseointegrated device”

MP.I.: Victoria Sanchez, AuD, PhD; Michelle Arnold AuD, PhD

Role on Project: Co-Investigator

Percent effort: 5%

Direct costs per year to USF: \$250,000 (in-kind donation of 400 hearing aids)

Project period: 12/22/2022 – 12/1/2026

Agency: Oticon Medical  
I.D.# n/a  
Title: “Early Age-Related Hearing Loss Investigation (EARHLI): Pilot Study and Physical Function Evaluation”  
M.P.I.: Victoria Sanchez, AuD, PhD  
Role on Project: Research Audiologist  
Percent effort: 5%  
Direct costs per year to USF: \$0  
Project period: 05/01/2020 – Present

**B) Completed Grants, Funding, Awards**

Agency: NIH/NIA  
I.D.# 5R01AG055426  
Title: “Aging, Cognition, and Hearing Evaluation in Elders (ACHIEVE) Randomized Trial”  
M.P.I.: Frank Lin, MD, PhD; Joseph Coresh, MD, PhD  
Role on Project: Co-Investigator  
Percent effort: 50%  
Direct costs per year to USF: \$51,074-\$141,460  
Total costs per year to USF: \$76,352-\$211,482  
Direct costs per year for project: \$2,242,96-\$3,762,396  
Total costs for project period: \$16,196,321  
Project period: 06/01/2017 – 06/1/2023 (NCE)

Agency: Frequency Therapeutics, Ltd.  
I.D.# n/a  
Title: “A Phase 2, Prospective, Randomized, Double-Blind, Placebo-Controlled, Single-Dose, Multicenter Study to Evaluate the Efficacy of FX-322 Administered by Intratympanic Injection in Adults with Acquired Sensorineural Hearing Loss”  
P.I.: Victoria Sanchez, AuD, PhD  
Percent effort: 5%  
Direct costs per year: \$ 426,276  
Total costs for project period: \$640,958  
Project period: 10/15/2021 – 4/24/2023

Agency: Otonomy, Inc.  
I.D.# n/a  
Title: “A randomized, double-blind, placebo-controlled phase 1/2 study of OTO-413 given as a single intratympanic injection in subjects with speech-in-noise hearing impairment”  
M.P.I.: Victoria Sanchez, AuD, PhD; K. Paul Boyev, MD,  
Percent effort: 5%  
Total costs for project period: \$351,433  
Project period: 10/11/2019 – 11/22/2022

Sponsor: Otonomy, Inc.  
I.D.# n/a  
Title: "Supporting Hearing Loss Pharmaceutical Translation"  
P.I.: Victoria Sanchez, AuD, PhD  
Percent effort: 5%  
Total costs for project period: \$94,570  
Project period: 10/19/2019 – 11/01/2022

Sponsor: Frequency Therapeutics, Inc.  
I.D.# n/a  
Title: "Development of Objective Auditory Measurements for Future Clinical Trial Applications"  
P.I.: Victoria Sanchez, AuD, PhD  
Percent effort: 5%  
Direct costs per year: \$133,500.00  
Total costs for project period: \$179,557.50  
Project period: 05/14/2021 – 07/25/2022

Agency: Frequency Therapeutics, Inc.  
I.D.# n/a  
Title: "Phase 2a, prospective, randomized, double-blind, placebo-controlled, single and repeat-dose, multicenter, exploratory efficacy study of investigational product FX-322, administered by intratympanic injection, in adults with stable sensorineural hearing loss"  
M.P.I.: K. Paul Boyev, MD, Victoria Sanchez, AuD, PhD  
Percent effort: 5%  
Direct costs per year: \$ 262,276  
Total costs for project period: \$340,958  
Project period: 09/15/2019 – May 2021

Agency: NIH/NIDCD  
I.D.# R01 DC013761  
Title: "Application of Health Behavior Models to Predict Hearing Healthcare Outcomes"  
P.I.: G. Saunders, PhD  
Role: Research Audiologist  
Percent effort: 60%  
Total costs for project period: \$556,000  
Project period: 12/1/2014 – 12/1/2020

Agency: Sonova  
I.D.# n/a  
Title: "Assessment of eAudiology for Providing Clinical Services and Support"  
P.I.: Michelle Arnold, AuD, PhD  
Role: Graduate Research Assistant  
Percent effort: 50%

Total costs for project period: n/a  
 Project period: 08/01/2019 – 12/01/2020

Agency: N/A (Audiology Doctoral Project)  
 I.D.# n/a  
 Title: “Adapting the ACHIEVE Manualized Hearing  
 Intervention for Implementation through an eAudiology Delivery  
 Model: eACHIEVE”  
 P.I.: Theresa Chisolm AuD, PhD; Victoria Sanchez AuD, PhD;  
 Haley Neil  
 Role: Graduate Research Assistant  
 Percent effort: 70%  
 Total costs for project period: n/a  
 Project period: 08/01/2019 – 12/01/2020

### Submitted Applications / Pending Funding

n/a

### Published Bibliography

#### Peer-reviewed Publications

- 1) Denham, M. W., Arnold, M. L., Sanchez, V. A., Lin, F. R., Tucker, L. H., Gomez, M. C., Fernandez, K., Arpi, P., **Neil, H.**, Boyle, S., Selevan, S., Sussman, T. J., Gmelin, T., Fine, I., Glynn, N. W., Teresi, J., Noble, J. M., Goldberg, T., Luchsinger, J. A., & Golub, J. S. (2024). Design and Methods of the Early Age-Related Hearing Loss Investigation Randomized Controlled Trial. *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, 45(5), 594–601.  
<https://doi.org/10.1097/MAO.0000000000004093>
- 2) Sanchez, V. A., Arnold, M. L., Betz, J. F., Reed, N. S., Faucette, S., Anderson, E., Burgard, S., Coresh, J., Deal, J. A., Eddins, A. C., Goman, A. M., Glynn, N. W., Gravens-Mueller, L., Hampton, J., Hayden, K. M., Huang, A. R., Liou, K., Mitchell, C. M., Mosley, T. H., **Neil, H.**, . . . Chisolm, T. H. (2024) Description of the Baseline Audiologic Characteristics of the Participants Enrolled in the Aging and Cognitive Health Evaluation in Elders Study. *American Journal of Audiology*. [https://doi.org/doi:10.1044/2023\\_AJA-23-00066](https://doi.org/doi:10.1044/2023_AJA-23-00066)
- 3) Arnold, M.L., Schwartz, B.R., **Neil, H.N.**, Chisolm, T., Sanchez, V.A. (2022). Feasibility and Assessment of a Hybrid Audiology Service Delivery Model for Older Adult Hearing Aid Users: A Pilot Study. *American Journal of Audiology*.  
[https://doi.org/10.1044/2022\\_AJA-21-00200](https://doi.org/10.1044/2022_AJA-21-00200)

#### Case Reports, Technical Notes, Letters

n/a

#### Invited Publications

n/a

Books, Textbooks, Chapters

n/a

Submitted Peer-Reviewed Manuscripts ('In Press', 'Under Review', 'In Preparation')

- 1) Theresa H. Chisolm, Victoria A. Sanchez, Emmanuel E. Garcia Morales, Michelle L. Arnold, Nick S. Reed, **Haley N. Neil**, Sarah Faucette, Adele M. Goman, Alison Huang, Second to last author to be decided by senior author, Frank Lin, for the ACHIEVE Collaborative Research Group. Effect of best-practices hearing intervention on health-related quality of life: Findings from the ACHIEVE Study
- 2) Sanchez, V.A., Michelle L. Arnold, Nick Reed, **Haley Neil**, Sarah Faucette, Emmanuel Garcia, Adele M. Goman, Alison Huang, Frank Lin, Theresa H. Chisolm, for the ACHIEVE Collaborative Research Group. Effect of best-practices hearing intervention on self-reported hearing handicap: Findings from the ACHIEVE Study

**Lectures by Invitation** (international, national, regional, local)

n/a

Abstracts (Podium Presentations, Poster Presentations, & Published Abstracts: Students mentored by Dr. Sanchez are indicated with \*)

- 1) Karpowicz, K., Oktela F, M., **Neil, H.**, Bochat, S., Boyle, S., Dorey, C., Ocasio Portalatin, N., Martinez, D., Selevan, S., Kitay, K., Arnold, M., Sanchez, V. (2024) Psychosocial Profile of Help-Seeking Adults with Hearing Loss. Poster presentation at USF Health Research Day 2024. March, 2024.
- 2) Karpowicz, K., Oktela F, M., **Neil, H.**, Bochat, S., Boyle, S., Dorey, C., Ocasio Portalatin, N., Martinez, D., Tucker, L.H., Golub, J.S., Arnold, M., Sanchez, V. (2024) Psychosocial Profile of Help-Seeking Adults with Hearing Loss. Poster presentation at American Auditory Society. February 14th, 2024. Scottsdale, Arizona.
- 3) Sanchez, V.A., Arnold, M.L., **Neil, H.N.**, Oktela, M., Faucette, S., Reed, N.S. Lin, F.R, Chisolm, T.C., for the ACHIEVE Study Investigators (2023). The Hearing Intervention for the Aging and Cognitive Health Evaluation in Elders (ACHIEVE) Trial. Poster presentation at the 2023 American Academy of Audiology (AAA) Annual Conference. April 20, 2023, Seattle, Washington.
- 4) Faucette, S., Arnold, M., Reed, N., **Neil, H.**, Lin, F., Sanchez, V. (2023) Participant-Identified Listening Goals in the ACHIEVE Study. Podium Presentation at the American Auditory Society Annual Meeting, Scottsdale, Arizona. March 2-5, 2023, Scottsdale, AZ.
- 5) Sanchez, V.A., Arnold, M.L., **Neil, H.N.**, Faucette, S., Reed, N.S. Lin, F.R, Chisolm, T.C., for the ACHIEVE Study Investigators (2023). Baseline Hearing Characteristics of Participants Enrolled in the Aging and Cognitive Health Evaluation in Elders (ACHIEVE) Randomized Controlled Trial: Evaluation of Site and Recruitment Route

Differences. Podium presentation at the 2023 Association for Research in Otolaryngology (ARO) MidWinter Conference. February 11-15, 2023, Orlando, Florida.

- 6) Sanchez, V.A., Lamanna, J., Parliament, M., Ohtela, M., Boyle, S., Lewis, C., **Neil, H.**, Arnold, M., (2022). Pilot Study to Evaluate Cognition and Hearing Performance of Patients who Do or Could Utilize an Osseointegrated Device (OID). Poster presentation at the 2022 International Hearing Aid Conference (IHCON). August 13, 2022; Tahoe City, California.
- 7) **Neil, H.N.**, Sanchez, V.A., Arnold, M.A., Reed, N.S., Faucette, Lin, F., Chisolm, T.H., (2022). Hearing Characteristics of the Participants Enrolled in the Aging and Cognitive Health Evaluation in Elders (ACHIEVE) Randomized Controlled Trial. International Hearing Aid Research Conference (IHCON 2022); Granlibakken Conference Center, Tahoe City, California.
- 8) Lewis, C., Sanchez, V., Arnold, M.A., Parliament, M., **Neil, H.**, Corvin, J., Toman, J., (2022, May) Hearing Health Knowledge, Attitudes, and Beliefs among Black Women: A Multi-method Analysis. Poster presentation at the 2022 Women's Healthseed Grant, Tampa, Florida.
- 9) Arnold, M.A., Sanchez, V.A., Introcaso, K., **Neil, H.**, Chisolm, T. (2021). Telehealth Service Delivery and Research Strategies: A Podcast Conversation. Virtual Presentation at the Fifth International Meeting on Internet & Audiology. Live Conference interaction, May 3rd, 2021.
- 10) Parliament, M., Nye, T., Introcaso, K., **Neil, H.**, Lewis, C., Schenley, M., The Otonomy Study Team, Boyev, K.P., Ohtela, M., Szeto, T., Arnold, M., Bethune, E., Sanchez, V. (2021, February). Phase 1/2 Study of Neurotrophic OTO-413 for Hearing Loss. Virtual poster presentation at the USF Health Research Day 2021. Presented February 26, 2021. \*Winner of the USF Health Research Day 2021 Clinical Presentation Award.
- 11) Schwartz, B., **Neil, H.**, Arnold, M., Chisolm, T., Sanchez, V., (2020). A Pilot Assessment of eAudiology for Hearing Aid Follow-Up Appointments. Poster presented at The American Academy of Audiology Conference (Virtual)
- 12) Schwartz, B., **Neil, H.**, Arnold, M., Chisolm, T., Sanchez, V., (2020). A Pilot Assessment of eAudiology for Hearing Aid Follow-Up Appointments. Poster presented at USF Health Research Day, Tampa, FL

### Media Requests and Interviews

n/a

**Service** (university, hospital/profession, scientific meetings, community service, society memberships, professional or scientific, international, national, regional, local, editorial positions)



Committee Member; International Ototoxicity Management Group (IOMG) 2022

Information on Group can be found here:

[https://en.wikiversity.org/wiki/International Ototoxicity Management Group \(IOMG\)](https://en.wikiversity.org/wiki/International_Ototoxicity_Management_Group_(IOMG))

<https://www.ncrar.research.va.gov/ClinicianResources/IOMG.asp>

#### University Service

Brain Fair, USF Health Byrd Alzheimer's Institute Fair, Teach community about hearing and cognitive health 2024

#### Professional Service

Clinical Director, Special Olympics Healthy Hearing, Local Screenings 12/2022, 2/2023, 6/2023, 9/2023, 12/2023, 6/2024 2022 - Present

Clinical Director, Special Olympics Healthy Hearing, Regional Game Screenings 2/2023, 8/2023, 4/2023 2023 - Present

Clinical Director, Special Olympics Healthy Hearing, Regional Game Screenings 5/2022, 5/2023, 5/2024 2022

Lead Audiologist, Autism Inspired Academy Hearing Screenings 2024 - Present

Lead Audiologist, Sounding Joy Hearing Aid Program 2024 - Present