

Lindsey Kummerer

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Education

University of South Florida
Ph.D. in Communication Sciences and Disorders

Tampa, FL
August 2022 - Present

University of South Florida
Doctor of Audiology

Tampa, FL
August 2019 – May 2023

Drexel University – Pennoni Honors College
B.S. in Biology
Organismal Physiology and Anatomy

Philadelphia, PA
September 2011 – June 2015

Clinical Experience

Vitale ENT
Audiology Doctoral Extern

Wesley Chapel, FL
October 2022 – May 2023

- Performed comprehensive diagnostic audiological examinations on geriatric, adult and pediatric patients 5 years and older
- Administered various vestibular tests, including positional testing and Epley maneuver treatments, as well as VNG
- Conducted cochlear implant and bone-anchored hearing device evaluations, as well as program and verify device functionality
- Discussed diagnostic testing results and treatment recommendations in an appropriate manner with all patient ages, as well as family members and parents of patients
- Programmed, cleaned and troubleshoot hearing aids from various manufacturers, including Oticon, Signia, Starkey, Phonak, Widex and Resound
- Worked with and processed hearing aid orders from various third parties, like Hear.com, UHC Hearing, Nations Hearing, Zip Hearing, UHC/Epic, among others
- Verified the prescriptive gain of hearing aids with real ear verification measures with a Maestro system
- Performed cerumen removal via lighted curette, irrigation and suction
- Maintained patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment via the Athena database

Island Audiology
Audiology Doctoral Extern

Honolulu, HI
May 2022 – September 2022

- Perform comprehensive diagnostic audiological examinations on geriatric, adult and pediatric patients 5 years and older
- Discuss diagnostic testing results and treatment recommendations in an appropriate manner with all patient ages, as well as family members and parents of patients
- Program, clean and troubleshoot hearing aids from various manufacturers, including Resound, Oticon, Widex, Starkey and Phonak
- Verify the prescriptive gain of hearing aids with real ear verification measures with a Verifit device
- Perform cerumen removal via lighted curette
- Maintain patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment via the Sycle database
- Execute physician outreach in the Honolulu area and other areas around Oahu

Tampa General Hospital Outpatient Clinic
Audiology Student Clinician

Tampa, FL
January 2022 – April 2022

- Performed comprehensive diagnostic audiological examinations on geriatric, adult and pediatric patients, including ototoxicity monitoring and ENT referrals
- Conducted follow up testing on newborns that referred on the inpatient newborn hearing screenings, via limited diagnostic auditory brainstem response (ABR) testing, diagnostic ABRs and otoacoustic emission (OAEs) testing
- Discussed diagnostic testing results and treatment recommendations in an appropriate manner with all patient ages, as well as family members and parents of patients
- Programmed, cleaned and troubleshot Phonak hearing aids, as well as verified the prescriptive gain via real ear verification measures with a Verifit device
- Provided aural rehabilitation to patients with hearing loss, including those with amplification and communication partners/parents of patients with hearing loss
- Performed cerumen removal via lighted curette
- Maintained patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment

Florida Medical Clinic
Audiology Student Clinician

Carrollwood, FL
August 2021 – December 2021

- Performed comprehensive diagnostic audiological examinations on geriatric and adult patients
- Evaluated hearing aid candidacy and discussed manufacturer types, adjustment period, expectations and goals
- Programmed, cleaned and troubleshot hearing aids from various manufacturers, including Phonak, Oticon, Starkey and ReSound
- Performed real ear verification measures with a MedRX device
- Discussed diagnostic testing results in an appropriate manner with all patient ages, as well as family members
- Performed cerumen removal via curette
- Provided aural rehabilitation to patients with hearing loss, including those with amplification and communication partners of patients with hearing loss
- Maintained patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment

Tampa Bay Hearing and Balance Center
Audiology Student Clinician

Tampa, FL
May 2021 – July 2021

- Performed comprehensive audiological diagnostic examinations on geriatric and adult patients, including patients with ENT referrals
- Evaluated cochlear implant candidacy for adult patients and discussed manufacturer types, adjustment period, expectations and goals for post-implantation
- Programmed and troubleshot hearing aids from various manufacturers, including Phonak, Oticon, Starkey and ReSound
- Programmed and troubleshot cochlear implants from Advanced Bionics, Cochlear and Med-El, as well as bone-anchored devices from Cochlear and Oticon Medical
- Discussed diagnostic testing results in an appropriate manner with all patient ages, as well as family members
- Provided aural rehabilitation to patients with hearing loss, including those with amplification and/or cochlear implants and communication partners of patients with hearing loss
- Performed vestibular testing, including VNG (calorics with air and water) and rotary chair testing
- Performed electrophysiological measures and interpreted results for ABR and electrocochleography testing
- Maintained patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment

- Performed comprehensive diagnostic examinations on geriatric, adult and pediatric patients, including otoscopy, acoustic immittance, otoacoustic emissions, pure tone audiometry, bone conduction and speech audiometry testing
- Determined and conducted the appropriate test type for pediatric patients, including behavioral observation audiometry, visual reinforcement audiometry, and conditioned play audiometry
- Evaluated cochlear implant candidacy for adult patients and discuss manufacturer types, adjustment period, expectations and goals for post-implantation
- Made earmold impressions on adult and pediatric patients, as well as fit and reprogrammed hearing aids from various manufacturers
- Troubleshoot hearing aids and cochlear implants based on patient reports and needs, as well as performed test-box measures on hearing aids via the Verifit
- Administered central auditory processing disorder test battery and provided results to adult patients and parents of pediatric patients
- Discussed diagnostic testing results in an appropriate manner with all patient ages, as well as family members
- Provided aural rehabilitation to patients with hearing loss, including those with amplification and/or cochlear implants and communication partners of patients with hearing loss
- Observed cerumen removal and vestibular testing
- Maintained patient confidentiality and proper documentation of case history, diagnostic testing results and recommendations for treatment

Graduate Assistantships & Teaching Experience

Graduate Teaching Associate
SPA 3310: Introduction to Disorders of Hearing

University of South Florida
May 2023 – Present

- Plan, administer and guide undergraduate students through interactive learning modules in an online class format
- Assist students with weekly learning content and communicate expectations, deadlines and reminders
- Monitor student progress and grades on various assignments and provide timely feedback on coursework
- Provide assistance to students during office hours and review sessions

Graduate Research Assistant
Auditory Behavioral Research Laboratory

University of South Florida
August 2022 - Present

- Assist Principal Investigators and other lab members in literature reviews, and organizing and analyzing data
- Utilize programs like Matlab and R to conduct experimental measures and analyze data
- Contribute to the writing and editing of papers that are undergoing the process of being submitted for publication

Teaching Assistant
SPA 5132: Audiology Instrumentation

University of South Florida
January 2021 – May 2021

- Assisted the professor in planning interactive components of lecture and lab class sections
- Monitored and communicated student progress and grades on homework assignments to the professor
- Provided assistance to students during office hours and timely feedback on coursework and assignments

Teaching Assistant
SPA 5153: Quantitative Problem Solving in SLP and Audiology

University of South Florida
August 2020 – December 2020

- Assisted the professor in planning interactive components of lecture and lab class sections
- Monitored and communicated student progress and grades on homework assignments to the professor
- Provided assistance to students during office hours and timely feedback on coursework and assignments

Newborn Hearing Screener

Student Clinician through the University of South Florida Tampa General Hospital
August 2019 – August 2020; May 2021 – December 2021

- Navigated patient records through the EPIC medical records system
- Obtained and measured otoacoustic emissions and auditory brainstem responses on newborn babies
- Accurately recorded and maintained test results into the EPIC medical records system
- Educated parents and caregivers about the importance of hearing screening and hearing conservation measures

Research Experience

Auditory Behavioral Research Laboratory

Ph.D. Student

University of South Florida

May 2022 - Present

- Assist in completing and organizing lab tasks, current project data collection and future project directions
- Perform literature reviews on current research interests: subclinical hearing loss, suprathreshold deficits, cocktail party listening, middle ear muscle reflex, auditory brainstem responses, speech in noise measures, and hidden hearing loss
- Utilize R Program and MATLAB to analyze various data and assist in ongoing research projects in the lab
- Collaborate with other lab members to complete research goals

Auditory Behavioral Research Laboratory

Audiology Doctoral Project

University of South Florida

September 2020 – May 2022

- Assisted in organizing and coordinating a research schedule to test subjects
- Performed literature reviews on cocktail party listening, middle ear muscle reflex, auditory brainstem responses, speech in noise measures, and hidden hearing loss
- Obtained and measured pure tone thresholds, otoacoustic emissions, immittance tests and electrophysiology tests
- Presented a detailed overview of the project and findings at spring research day in March 2023

The Species Abundance of Galagos in Bioko Island

Student Researcher, Bioko Island, Equatorial Guinea

Drexel University Study Abroad

February 2013

- Organized and coordinated a research schedule and proposal for monitoring galagos on Bioko Island
- Monitored and analyzed census data that was obtained for four species of galagos
- Generated a research paper with tables and graphs examining data gathered over a two-week field research project

Project & Presentation Experience

American Auditory Society Annual Conference

Professional Poster Presentation

Scottsdale, AZ

February 2022

- Presented research abstract at the American Auditory Society annual conference
- Awarded the student mentored research poster session travel award to present the research abstract
- **Title:** Possible Contribution of the Cochlea to Individual Differences in a Speech-in-Noise Task, Measured by Stimulus Frequency Otoacoustic Emissions
- **Keywords:** Clinically normal hearing, hidden hearing loss, speech-in-noise performance, noise difficulty, cochlea, stimulus frequency otoacoustic emissions, QuickSIN

Investigating the Role of Non-Thermal Plasma for Treatment of Epithelial Ovarian Cancer: Induction of Immunogenic Cell Death and Activation of Immune Function in a Mouse Model
Student Project Coordinator – Research Proposal Experience

Drexel University Senior Project
September 2014 - May 2015

- Performed literary reviews on ovarian cancer, immunogenic cell death, the immune system, and non-thermal plasma
 - Analyzed documented interactions of non-thermal plasma with components of the immune system and cancer cells
 - Formed a novel research question pertaining to the potential of non-thermal plasma as an immunotherapy
 - Generated a detailed research proposal, including experimental design, predicted outcomes and significant benefits, for a potential immune-activating cancer treatment
 - Presented a proposal overview to an audience of Drexel professors, other Drexel staff, and fellow Biology seniors
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Work Experience

Fairfax Cryobank, Inc.
Laboratory Supervisor

Philadelphia, PA
April 2017 – June 2019

- Supervise all daily laboratory and shipping operations carried out by laboratory staff
- Coordinate monthly blood draw schedules according to FDA regulations, as well as conduct venipuncture
- Organize and complete donor recruitment, advertising, donor medical interviews, and donor payment schedule
- Manage the QC testing and daily function of all laboratory equipment and supplies
- Perform monthly proficiency testing and coordinate training of laboratory technicians
- Compile monthly reports pertaining to laboratory functionality and specimen inventory
- Conduct client consultations, which include explaining the cryopreservation process and relaying specimen results
- Test personnel responsibilities, ensuring all standard operating procedures and good documentation are followed
- Understand, apply, and adhere to FDA regulations to both administrative and lab work

Fairfax Cryobank, Inc.
Laboratory Technician

Philadelphia, PA
May 2015 - April 2017

- Perform laboratory analysis and cryopreservation of semen specimens
- Conduct venipuncture on donors and package blood samples for remote testing
- Handle liquid nitrogen proficiently and monitor its contents in various dewar tanks
- Aid in potential donor and screen application flow, including medical interviews
- Execute quarterly environmental testing on two flow hoods and package culture specimens for remote testing
- Follow approved standard operating procedures and good documentation practices
- Understand and apply FDA regulations to both administrative and lab work

Brigham and Women's Hospital
Anesthesiology Research Assistant-Harvard Medical School

Boston, MA
March 2014 - September 2014

- Organized and managed several research projects pertaining to both anesthesia and pain management
- Aggregated data from various medical records into organized Excel spreadsheets
- Operated and utilized multiple medical record systems, such as BICS, PIMS Metavision OR and LMR Web
- Communicated with statisticians in order to analyze relevant datasets
- Reviewed, edited and aided in writing research manuscripts

Schuylkill Valley High School
Assistant Girls Volleyball Coach

Leesport, PA
August 2012 – October 2015

- Identify the talents of individual players and train in volleyball techniques while motivating athletes to improve skills
- Organize and plan practices for structured teamwork
- Communicate and explain game tactics to players keeping in mind the team strengths and physical standards

Professional Affiliations & Certifications

American Speech-Language-Hearing Association, Certificate of Clinical Competence in Audiology, June 2023 - Present
American Speech-Language-Hearing Association, Member, May 2023 - Present
Florida Academy of Audiology, Member, August 2019 – Present
Student Academy of Audiology, Member, August 2019 – May 2023
Sertoma Collegiate Club, Member, August 2019 – May 2023

Honors and Awards

Student Mentored Research Poster Session travel award for abstract submission, American Auditory Society, 2022
Most Outstanding Clinical Skills of Second Year Scholarship Award, University of South Florida, 2021
Senior Seminar Research Proposal 2nd Place Award, Drexel University, 2015
Dean's List, Drexel University, Fall 2011, Spring 2013, Winter 2014
Valedictorian, Schuylkill Valley High School, 2011

Activities

Vice President, University of South Florida Student Academy of Audiology, 2021-2022
Treasurer, University of South Florida Student Academy of Audiology, 2020-2021
First Year Representative, University of South Florida Student Academy of Audiology, 2019-2020
Member, Drexel Tri-Beta Biological Honors Society, 2012-2015
President, Drexel Women's Club Volleyball, 2013-2015
Coach, Drexel Women's Club Volleyball, 2015-2019
Volunteer, Governor Mifflin YMCA Summer Camp/Before and After School Care, 2012-2014
Volunteer, St. Christopher's Hospital for Children in Philadelphia, 2013-2014