

**FULL CURRICULUM VITAE
LAURA DREISBACH HAWE**

Home Address:

12787 Seabreeze Farms Dr.
San Diego, CA 92130

Office Address:

School of Speech, Language, and
Hearing Sciences
San Diego State University
5500 Campanile Dr.
San Diego, CA 92182-1518

Internet Address: ldreisba@mail.sdsu.edu

EDUCATION:

A.

Years

Institution Attended Degree Major Field

Northwestern University 1992-1999 Ph.D. Audiology and Hearing Sciences

Pennsylvania State University 1989-1991 M.S.* Communication Disorders
University

Pennsylvania State University 1986-1989 B.S. Communication Disorders
University

B. Title of Dissertation: Characterizing the $2f_1$ - f_2 Distortion-Product Otoacoustic Emission and its Generators Measured from 2 to 20 kHz in Humans

*Title of Thesis: Reliability of Low- and High-Frequency Hearing Threshold Levels

TEACHING POSITIONS AND RANKS HELD

Institution Rank Date Major Subject

SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.) Associate Professor 2007-present Audiology

SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.) Assistant Professor 2003-2007 Audiology

San Diego State University Assistant Professor 2000-present Audiology

Governor's State University Adjunct Professor 1993 Communication Disorders

Northwestern University Aural Rehabilitation Supervisor 1993-1995 Audiology

Northwestern University Teaching Assistant 1992-1995 Audiology and Hearing Sciences

RESEARCH AND CLINICAL POSITIONS AND RANKS HELD

Institution Rank Date Major Subject

San Diego State University Audiologist 2000-present Audiology

Walter Reed Army Medical Center Postdoctoral 1999-2000 Audiology and Research Associate
Speech Center

Northwestern University Graduate Research 1994-1999 Audiology and Assistant Hearing
Sciences

Shedd Aquarium, Research Associate 1996-1998 Marine Mammal
Bioacoustics Laboratory Bioacoustics

Audiological Laboratory Audiologist 1993-1998 Audiology

Northwestern University Neonatal Intensive 1993 Audiology
Memorial Hospital Care Unit Audiologist

Ear and Skull Base Surgery Office CFY Audiologist 1991-1992 Audiology

TEACHING EFFECTIVENESS:

CURRICULUM DEVELOPMENT AND TEACHING INNOVATIONS

- AUD 840 Auditory Evoked Potentials II

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). This is the second course in a 2 part series. This seminar-type course provides advanced information pertaining to the theoretical and clinical aspects of auditory evoked potentials, with an emphasis on cutting-edge techniques not yet available clinically.

- AUD 800 Instrumentation in Audiology and Hearing Sciences

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). This course gives students a theoretical background in equipment use and hands on laboratory exercises to develop their competency with different audiological instruments and develop their skills as an Audiologist. The intent of the course is to enhance students' critical thinking, reasoning, and problem-solving skills when using audiological equipment.

- AUD 720 Auditory Evoked Potentials I

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). This is the first course in a 2 part series. Students were introduced to the theoretical and clinical aspects of auditory evoked potentials, with particular emphasis on otoacoustic emissions and their measurement, electrocochleography, and the auditory brainstem response.

- AUD 725 Pediatric Audiology

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). Students were taught about the development of normal and abnormal auditory systems (including embryology and behavioral auditory development), causes of genetic and non-genetic hearing loss in children, audiological testing of infants and children (behavioral and physiological), hearing screening for pre- and school-age children, educational audiology, central auditory processing testing, counseling of patient and family, cochlear implants, and assistive listening devices.

- AUD 798 Doctoral Special Studies

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). Students were engaged in didactic training in the areas of principles of team dynamics, advocacy by professional organizations, interprofessional education, interprofessional collaboration, professional medical-legal ethics, and business training.

- AUD 701 Clinical Practice I

This course was developed for the SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.). Students learned to apply clinical procedures to patient assessment. This included computer-based simulated cases, clinical observations, and preceptored patient care involving diagnostics and hearing aid evaluations.

- AUD 795 Research Practicum

Students participated in specific faculty research activities. Research methods and objectives of a specific research laboratory were introduced. Data collection and analysis were completed by the students.

- AUD 899 Doctoral Project

Individual investigation and preparation of the doctoral project for the audiology degree were completed in this course.

- SLHS 647 Auditory Evoked Potentials

This course, which existed in the Master's Program in Audiology, was reconfigured and enhanced to focus more on research leading to the clinical applications and parameters chosen for the measurement of these evoked potentials and only briefly cover the anatomy significant to these potentials. Additional topics on tone burst and bone conducted evoked potential measures for hearing testing (focusing on newborns) and the fitting of hearing aids were also incorporated. A packet of journal articles that were required readings was also created.

- SLHS 648 Pediatric Audiology

Creating a packet of journal articles that were required readings enhanced this course, which existed in the Master's Program in Audiology.

- SLHS 696 Instrumentation in Audiology and Hearing Sciences

I created this course, which existed in the Master's Program in Audiology, to focus on the advanced applications and calibrations of a variety of different audiological instruments.

- SLHS 643 Auditory Physiology and Otoacoustic Emissions

Changing the order of course material to ease student understanding and mastery modified this course, which existed in the Master's Program in Audiology. Additionally, this course was modified to cover in detail not only the peripheral but central auditory system as well as the latest techniques in studying and measuring otoacoustic emissions.

- SLHS 340L Techniques in Audiology

Students were provided with hands-on experiences and review of some of the material covered in SLHS 340, including otoscopy, pure-tone audiometry, audiogram interpretation, masking, immittance, hearing aids, and school screening techniques.

TEXTBOOKS AND OTHER TEACHING AIDS

- Blackboard Course-Sites

I have developed blackboard course-sites for all courses I teach and have taught (AUD 800, 840, 720, 721, 725, 798; SLHS 643, 647, 648, 696, 340L). This site allows students to have access to lecture outlines for the next class period, supplemental reading materials, PowerPoints used in lecture, supplemental information not covered specifically in class, information regarding the completion of assignments (e.g., homework, laboratory assignments, presentations, observations), and links to related areas of interest. I have also created a blackboard site for my Auditory Physiology and Psychoacoustics Laboratory to ease communication and provide a location for information related to the day-to-day operations and procedures used in the laboratory.

TEACHING AWARDS

1. Outstanding Faculty Award, Associated Students University Affairs Board, 2008
2. Outstanding Faculty Award, School of Speech, Language, and Hearing Sciences, 2004
3. Graduate Professor of the Year, Communicative Disorders. Awarded by the College of Health and Human Services Student Council, 2002

DOCTORAL PROJECT CHAIR

1. Nicholas Faillace, Audiology Doctoral Project, "CE Chirp Effects on ABR Components in those with and without Meniere's Disease" (ongoing)
2. Eliza Aguilar, Audiology Doctoral Project, "Effects of different calibration techniques on High-Frequency DPOAEs in newborns" (ongoing)

3. Brittany Vlosich, Audiology Doctoral Project, "Sensitivity of Different Otoacoustic Emission Paradigms for Monitoring Ototoxicity in Patients Receiving Platinum Agents as Treatment" (completed 2018)
4. Charles Matthew Bishop, Audiology Doctoral Project, "Comparing Audiometric Thresholds and Distortion Product Otoacoustic Emissions in the Ultra High Frequency Range with Depth-Compensated Calibration" (completed 2018)
5. Rachel Smith, Audiology Doctoral Project, "High-Frequency Evoked Otoacoustic Emissions in Newborns" (completed 2017)
6. Joyce Tsang, Audiology Doctoral Project, "Repeatability of Distortion Product Otoacoustic Emission Group Delay in Children" (completed 2017)
7. Karolina Crawford, Audiology Doctoral Project, "DPOAE Source Contribution - Repeatability in Younger and Older Children" (completed 2017)
8. Melissa Ho, Audiology Doctoral Project, "Effects of Platinum Chemotherapy Across Treatment on Behavioral and Physiological Sensitive Range for Ototoxicity" (completed 2016)
9. Jason Yang, Audiology Doctoral Project, "Characterization and Repeatability of Middle Ear Reflectance in Children Young and Old" (completed 2016)
10. Michele Louie, Audiology Doctoral Project, "Determining Racial Differences in Audiologic Measurements Using an Advanced Calibration Method" (completed 2015)
11. Shelli Newman, Audiology Doctoral Project, "Repeatability of High-Frequency Behavioral and DPOAE Measures in Normal-Hearing Children" (completed 2014)
12. Christine Gagner, Audiology Doctoral Project, "Title: DPOAE Source Contributions in Young and Old Children" (completed 2014)
13. Collyn Gallant, Audiology Doctoral Project, "Wideband Middle Ear Reflectance and Multifrequency Tympanometry in Patients with Ménière's Disease" (completed 2013)
14. Amanda Conrad, Audiology Doctoral Project, "The Repeatability of High Frequency DPOAEs in Children" (completed 2012)
15. Margaret Chang, Audiology Doctoral Project, "Repeatability of high-frequency distortion-product otoacoustic emission (DPOAE) thresholds in cystic fibrosis patients" (completed 2011)
16. Caitlin Meuel, Audiology Doctoral Student, "Repeatability of Ultra-High Frequency Distortion-Product Otoacoustic Emission Group Delay in Adults with Cystic Fibrosis" (completed 2011)
17. Sandra Romero, Audiology Doctoral Project, "Characterization of Spontaneous Otoacoustic Emissions in the Presence of Ultra High-Frequency Distortion-Product Otoacoustic Emissions in Adults" (completed 2010)
18. Lindsay Money maker, Audiology Doctoral Project, "Distortion Product Otoacoustic Emission (DPOAE) Amplitude Changes Following a Controlled Noise Exposure" (completed 2010)
19. Alyssa Diersing, Audiology Doctoral Project, "Characterization of Middle Ear Reflectance in Normal-Hearing Children" (completed 2010)
20. Michael Lindeman, Audiology Doctoral Project, "Relationship of Extended High-Frequency Distortion-Product Otoacoustic Emissions with Extended High-Frequency Pure-Tone Behavioral Thresholds" (completed 2008)
21. Shannon Lees, Audiology Doctoral Project, "The Effect of Spontaneous Otoacoustic Emissions on High-Frequency Distortion-Product Otoacoustic Emissions" (completed 2008)

22. Courtney Ewell, Audiology Doctoral Project, “Effects of Tinnitus on Mid- and High-Frequency Distortion Product Otoacoustic Emissions” (completed 2008)
23. Kristin Cowart, Audiology Doctoral Project, “Racial Differences in Low- and High-Frequency Distortion Product Otoacoustic Emissions” (completed 2007)

DOCTORAL PROJECT MEMBERSHIP

1. Gregory Hobbs, Audiology Doctoral Project, “A self-administered consonant contrast test: development, effects of low pass filtering and form-equivalence” (ongoing)
2. Ellen Smith, Audiology Doctoral Project, “Comparative Benefits of Directional Microphone Settings to Cochlear Implant Users for Understanding Speech in Noise” (ongoing)
3. Lauren Rynders, Audiology Doctoral Project, “The role of ECRG4 in age-related hearing loss and cochlear damage” (completed 2017)
4. Kaitlin Leggins, Audiology Doctoral Project, “Natural Course of Audiometric Threshold Change in Adults with Cystic Fibrosis without Aminoglycoside Treatment” (completed 2017)
5. Kerry Beasley, Audiology Doctoral Project, “Refining drug delivery to the middle ear: examination of a natural cellular mechanism” (completed 2016)
6. Joseph Hardeman, Audiology Doctoral Project, “The role of JNK isoforms in noise-induced hearing loss and cochlear damage” (completed 2016)
7. Hang Lam, Audiology Doctoral Project, “Repeatability and Feasibility of Individualized Growth Functions” (completed 2014)
8. Tayla Jacob, Audiology Doctoral Project, “Characterization of Spontaneous Otoacoustic Emissions in Children with High-Frequency Distortion Product Otoacoustic Emissions” (completed 2014)
9. Tom Wise, Audiology Doctoral Project, “The Effect of Surface Modification of Titanium Substrates on Spiral Ganglia Dendrite Outgrowth” (completed 2013)
10. Rachel Weichert, Audiology Doctoral Project, “Sox 11 Expression in Developing Inner Ears of Mice” (completed 2012)
11. Ghalia Mohder, Audiology Doctoral Project, “Effect of Smoking on Otoacoustic Emissions” (completed 2010)
12. Dave Stewart, Audiology Doctoral Project, “Increasing the Sensitivity of Electrocochleography Using the SP/AP Area Ratio” (completed 2009)
13. Aaron Jones, Audiology Doctoral Project, “Ototoxicity Monitoring of Adult Patients with Cystic Fibrosis” (completed 2009)
14. Carrie Lakin, Audiology Doctoral Project, “High-Frequency Pure Tone Thresholds in Patients with Cystic Fibrosis Taking Tobramycin” (completed 2008)
15. Serena Dann, Audiology Doctoral Project at Northwestern University, Evanston, Illinois, “Tracking Recovery from TTS using Pure-Tone Thresholds and Otoacoustic Emissions” (completed Summer 2006)
16. Ariz Slali, Audiology Doctoral Project, “Evaluation of Eustachian Tube Function in Normal Subjects” (completed 2007)
17. Yan Li, Audiology Doctoral Project, “The Sensitivity and Specificity of CHAMP as a Diagnostic Test for Meniere’s Disease” (completed 2007)

THESIS COMMITTEE CHAIR

1. Sandra Romero, Honors thesis, “Repeatability of High-Frequency Distortion-Product Otoacoustic Emissions in Young Children” (completed Spring 2006)
2. Kristy Baldwin, Honors thesis, “Efficacy of the Antioxidant Nutritional Supplement N-acetylcysteine (NAC) in Protecting Ears Exposed to Loud Music” (completed Spring 2004)
3. Sandra Cobos, Masters thesis, “Distortion-Product Otoacoustic Emissions in Different Racial Groups” (completed Spring 2003)
4. Kathleen Dunckley, Masters thesis, “Gender Effects on High-Frequency Distortion-Product Otoacoustic Emissions in Humans” (completed Fall 2002)

THESIS COMMITTEE MEMBERSHIP

1. LeAnh Nguyen, Masters thesis, “Evaluating the Use of a Hepatitis B Vaccination Program for Sexually Transmitted Disease Surveillance” (completed Spring 2007)
2. Jill Lockwood, Masters thesis, “Efficacy of the Antioxidant Nutritional Supplement N-acetylcysteine (NAC) in Protecting Ears Exposed to Loud Music” (completed Summer 2004)

PROFESSIONAL GROWTH:

* indicates a student contributor

ARTICLES IN REFEREED JOURNALS

1. Konrad-Martin, D., Knight, K., McMillan, G., **Dreisbach, L.**, Nelson, E., and Dille, M. (2018). “Long term variability of distortion-product otoacoustic emissions in infants and children and its relation to pediatric ototoxicity monitoring.” *Ear and Hearing Eprint*: December 2017 – DOI, 10.1097/AUD.0000000000000536
2. **Dreisbach, L.**, Zettner, E., Liu, M., Fernhoff, C., MacPhee, I., and Boothroyd, A. (2018). “High-Frequency Distortion-Product Otoacoustic Emission (DPOAE) Repeatability in a Patient Population.” *Ear and Hearing*, 39, 85-100. Eprint: July 2017 - DOI; 10.1097/AUD.0000000000000465
3. **Dreisbach, L.**, Ho, M., Reid, E., & Siegel, J. (2017). Effects of oxaliplatin, carboplatin, and cisplatin across treatment on high-frequency objective and subjective auditory measures in adults. *Perspectives of the ASHA Special Interest Groups*, Vol. 2 (SIG 6), 17-36.
4. Konrad-Martin, D., Poling, G., **Dreisbach, L.**, Reavis, K., McMillan, G., Lapsley Miller, J., and Marshall, L. (2016). “Serial monitoring of otoacoustic emissions in clinical trials.” *Otology and Neurotology*, 37, 286-294.
5. Kopke, R., Slade, M., Jackson, R., Hammill, T., Fausti, S., Lonsbury-Martin, B., Sanderson, A., **Dreisbach, L.**, Rabinowitz, P, Torre III, P., and Balough, B. (2015). “Efficacy and safety of N-acetylcysteine in prevention of noise induced hearing loss: A randomized clinical trial.” *Hearing Research*, 323, 40-50.
6. **Dreisbach, L.**, Torre III, P., Kramer, S., Kopke, R., Jackson, R., and Balough, B. (2008). “Influence of Ultra-High Frequency Hearing Thresholds on Distortion-Product Otoacoustic Emission Levels at Conventional Frequencies in a Large Sample of Normal-Hearing Young Males.” *Journal of the American Academy of Audiology*. 19, 325-336. [This journal publishes articles and clinical reports in all areas of audiology, including audiological assessment, amplification, aural habilitation and rehabilitation, auditory electrophysiology, vestibular assessment, and hearing science. The acceptance rate is 60%.]

7. Torre III, P., **Dreisbach, L.**, Kopke, R., Jackson, R., and Balough, B. (2007). "Risk Factors for Distortion Product Otoacoustic Emissions in Young Men with Normal Hearing." *Journal of the American Academy of Audiology*. **18**, 749-759. [This journal publishes articles and clinical reports in all areas of audiology, including audiological assessment, amplification, aural habilitation and rehabilitation, auditory electrophysiology, vestibular assessment, and hearing science. The acceptance rate is 60%.]
8. **Dreisbach, L.**, Kramer, S., Cobos, S*., and Cowart, K*. (2007). "Racial and Gender Effects on Pure-Tone Thresholds and Distortion-Product Otoacoustic Emissions (DPOAEs) in Normal-Hearing Young Adults." *International Journal of Audiology*. **46**, 419-426. [The impact factor for this journal is 0.9 and it is ranked #14 in the category of otorhinolaryngology.]
9. **Dreisbach, L.**, Long, K*., and Lees, S*. (2006). "Repeatability of high-frequency distortion-product otoacoustic emissions (DPOAEs) in normally hearing adults." *Ear and Hearing*. **27**, 466-479. (submitted: June 16, 2005; accepted: April 24, 2006) [This is one of the most prestigious and widely read journals in the area of clinical audiology. The acceptance rate is 33%. The impact factor for this journal is 2.26 and it is ranked #2 in the category of otorhinolaryngology.]
10. Kramer, S., **Dreisbach, L.**, Lockwood, J*., Baldwin, K*., Kopke, R., Scranton, S., and O'Leary, M. (2006). "Efficacy of the antioxidant N-acetylcysteine (NAC) in protecting ears exposed to loud music." *Journal of the American Academy of Audiology*. **17**, 265-278. (submitted: April 11, 2005; accepted: August 28, 2005) [This journal publishes articles and clinical reports in all areas of audiology, including audiological assessment, amplification, aural habilitation and rehabilitation, auditory electrophysiology, vestibular assessment, and hearing science. The acceptance rate is 60%.]
11. **Dreisbach, L.** and Siegel, J. (2005). "Level dependence of distortion-product otoacoustic emissions measured at high frequencies in humans." *Journal of the Acoustical Society of America*. **117**, 2980-2988. (submitted: October 6, 2004; accepted: February 4, 2005) [According to a section editor of JASA, the rejection rate for this blind-reviewed, refereed journal is 33%. The impact factor for this journal is 1.68 and it is ranked #6 in the category of acoustics.]
12. **Dreisbach, L.**, Leek, M., and Lentz, J. (2005). "Perception of Spectral Contrast by Hearing-Impaired Listeners." *Journal of Speech, Language, and Hearing Research*. **48**, 910-921. (submitted: September 10, 2003; accepted: December 16, 2004) [All manuscripts are peer-reviewed by two to three editorial consultants, an associate editor and a section editor. The average acceptance rate is 37%. The impact factor for this journal is 1.73 and it is ranked #6 in the category of applied linguistics.]
13. Kubli, L., Leek, M., and **Dreisbach, L.** (2005). "Acoustic Reflexes to Schroeder-Phase Harmonic Complexes in Normal-Hearing and Hearing-Impaired Individuals." *Hearing Research*. **202**, 1-12. (submitted: July 15, 2002; accepted: August 17, 2004) [The acceptance rate is 51%. The impact factor for this journal is 1.67 and it is ranked #5 in the category of otorhinolaryngology.]
14. Dunckley, K*. and **Dreisbach, L.** (2004). "Gender Effects on High Frequency Distortion Product Otoacoustic Emissions in Humans." *Ear and Hearing*. **25**, 554-564. (submitted: November 3, 2003; accepted: June 25, 2004) [This is one of the most prestigious and widely read journals in the area of clinical audiology. The acceptance rate is 33%. The impact factor for this journal is 2.26 and it is ranked #2 in the category of otorhinolaryngology.]
15. **Dreisbach, L.** and Siegel, J. (2001). "Distortion-Product Otoacoustic Emissions Measured at High Frequencies in Humans." *Journal of the Acoustical Society of America* **110**(5), 2456-2469. (submitted: April 13, 2001; accepted: August 7, 2001) [According to a

section editor of JASA, the rejection rate for this blind-reviewed, refereed journal is 33%. The impact factor for this journal is 1.68 and it is ranked #6 in the category of acoustics.]

16. Frank, T. and **Dreisbach, L. (1991)**. "Repeatability of High-Frequency Thresholds." *Ear and Hearing*, **12**, 294. (submitted: February 1, 1991; accepted: February 21, 1991) [This is one of the most prestigious and widely read journals in the area of clinical audiology. The acceptance rate is 33%. The impact factor for this journal is 2.26 and it is ranked #2 in the category of otorhinolaryngology.]

BOOK CHAPTERS

1. Prieve, B. and **Dreisbach, L. (2010)**. "Otoacoustic Emissions," In R. Seewald & A.M. Tarpe (Eds.), Comprehensive Handbook of Pediatric Audiology. San Diego, CA: Plural.

ABSTRACTS IN REFEREED PROCEEDINGS

1. Vlosich, B* and **Dreisbach, L. (2018)**. "Influence of Platinum Derivative Treatments on Different Otoacoustic Emission Paradigms." *American Auditory Society*, March, **43**, 91.
2. Konrad-Martin, D., Poling, G., **Dreisbach, L.**, Reavis, K., McMillen, G., Lapsley Miller, J., and Marshall, L. **(2016)**. "Use of Otoacoustic Emissions in Clinical Trials." *Association for Research in Otolaryngology*, February, **39**, 45.
3. Ho, M*., Reid, E., Siegel, J., and **Dreisbach, L. (2015)**. "Influence of Platinum Chemotherapy Treatments on Several High-Frequency Auditory Measures." *American Auditory Society*, March, **40**, 29.
4. Beasley, K*., Kurabi, A., Pak, K., Nuyen, B., Ryals, M., **Dreisbach, L.**, Wasserman, S., Hardeman, J*., and Ryan, A. **(2015)**. "Peptides With the Ability to Transit the Tympanic Membrane Do Not Influence Middle or Inner Ear Structure or Function." *Association for Research in Otolaryngology*, February, **38**, 103.
5. Hardeman, J*., Pak, K., Ryals, M., Chaves, E., **Dreisbach, L.**, Wasserman, S., Beasley, K*., and Ryan, A. **(2015)**. "JNK Isoforms Play Different Roles in Noise-Induced Hearing Loss." *Association for Research in Otolaryngology*, February, **38**, 148.
6. Ho, M*., Reid, E., Siegel, J., and **Dreisbach, L. (2014)**. "Effects of Oxaliplatin across Treatment on Various Auditory/Cochlear Measures." *American Auditory Society*, March, **39**, 25.
7. **Dreisbach, L.**, Konrad-Martin, D., Gagner, C*., and Jacobs, P. **(2014)**. "Comparison of DPOAE Source Components Measured at High Frequencies in Children and Young Adults." *Association for Research in Otolaryngology*, February, **37**, 64.
8. Jacob, T*., Newman, S*., Louie, M*., and **Dreisbach, L. (2013)**. "Characterization of SOAEs in Children with High-Frequency DPOAEs." *American Auditory Society*, March, **38**, 25.
9. Newman, S*., Jacob, T*., Louie, M*., and **Dreisbach, L. (2013)**. "Clinically Applicable Method of Calibration For Measuring High-Frequency DPOAE Repeatability." *American Auditory Society*, March, **38**, 25.
10. Newman, S* and **Dreisbach, L. (2012)**. "Repeatability of High-Frequency Behavioral and DPOAE Measures in Normal-Hearing Children." *American Auditory Society*, March, **37**, 57.
11. Conrad, A* and **Dreisbach, L. (2011)**. "Repeatability of High-Frequency DPOAE Measures in Normal-Hearing Children." *American Auditory Society*, February, **36**, 42.

12. Meuel, C*, **Dreisbach, L.**, Zettner, E., and Chang, M*. (2010). "Repeatability of High-Frequency DPOAE Latency Measures in CF Patients." American Academy of Audiology, April. **22**, 147.
13. Chang, M*, **Dreisbach, L.**, Zettner, E., and Meuel, C*. (2010). "Repeatability of High-Frequency DPOAE Thresholds in Cystic Fibrosis Patients." American Academy of Audiology, April. **22**, 147.
14. **Dreisbach, L.**, Zettner, E., Chang, M*, and Meuel, C*. (2010). "High-Frequency DPOAE Repeatability in Cystic Fibrosis Patients." American Auditory Society, February, **35**, 45.
15. Sheffield, B., Martin-Roff, J*, Sokolich, G., **Dreisbach, L.**, and Zeng, FG. (2010). "Distortion product otoacoustic emissions suppressed by bone-conducted ultrasound in humans." Abst. Assoc. Res. Otolaryngol. **33**, 20.
16. **Dreisbach, L.**, Zettner, E., Meuel, C*, and Chang, M*. (2010). "Decreased Variability of High-Frequency DPOAE Measures in Patients Using an Alternate Calibration Method Compared to Non-Patients Using a Traditional Calibration Method." Abst. Assoc. Res. Otolaryngol. **33**, 90.
17. **Dreisbach, L.**, Lees, S*, and Romero, S*. (2009). "Does SOAE presence influence high-frequency DPOAE levels?" American Academy of Audiology, April, **21**, 81. *requested to present*
18. **Dreisbach, L.**, Lees, S*, and Romero, S*. (2009). "Does SOAE presence influence high-frequency DPOAE levels?" American Auditory Society, February, **34**, 19.
19. Abel, R*, Dann, S*, Siegel, J., **Dreisbach, L.**, Dunckley, K*, and Dhar, S. (2008). "Going Clubbing? Your OAEs Mind!" American Auditory Society, February, **33**, 42.
20. **Dreisbach, L.** and Lindeman, M*. (2007). "Comparison of Ultra-High Frequency DPOAE's and Behavioral Thresholds." American Auditory Society, February, **32**, 44.
21. **Dreisbach, L.**, Cobos, S*, and Cowart, K*. (2005). "Racial Differences in Low- & High-Frequency Distortion Product Otoacoustic Emissions." American Speech-Language and Hearing Association, November, **10**, 74.
22. Kramer, S., **Dreisbach, L.**, Lockwood, J*, and Baldwin, K*. (2005). "Efficacy of Antioxidants in Humans Exposed to Loud Music." American Academy of Audiology. **17**, 38.
23. **Dreisbach, L.** (2003). "Repeatability of High Frequency Distortion-Product Otoacoustic Emissions (DPOAEs) in Normally Hearing Adults." Abst. Int. Evoked Response Audiometry Study Group. **18**, 165.
24. Dunckley, K* and **Dreisbach, L.** (2003). "Gender effects on high-frequency distortion product otoacoustic emissions in humans." Abst. Assoc. Res. Otolaryngol.
25. Lentz, J., Leek, M., and **Dreisbach, L.** (2001). "Upward spread of Schroeder-phase maskers." Abst. Acoust. Soc. Am. **109**, 2348.
26. Siegel, J., Badri R*, and **Dreisbach, L.** (2001). "Characteristics of Stimulus Frequency Otoacoustic Emissions in Humans." Abst. Assoc. Res. Otolaryngol. **24**, 13.
27. **Dreisbach, L.**, Leek, M., and Lentz, J. (2000). "Growth of Spectral Contrast Enhancement in Schroeder-Phase Harmonic Complexes." Abst. Acoust. Soc. Am. **107**, 2881.
28. Siegel, J., Borneman, A*, and **Dreisbach, L.** (2000). "Suppressor Conditions for Optimal Separation of Distortion Product Otoacoustic Emission Sources." Abst. Assoc. Res. Otolaryngol. **23**, 283.

29. Kubli, L., Leek, M., **Dreisbach, L.**, and Lentz, J. (2000). "Acoustic Reflexes to Schroeder-Phase Harmonic Complexes in Normal-Hearing and Hearing-Impaired Individuals," *Abst. Assoc. Res. Otolaryngol.* **23**, 173.
30. **Dreisbach, L.** and Siegel, J. (1999). "Level and Phase Relationships of Distortion-Product Otoacoustic Emission Sources with Varied Primary Frequency Ratios in Humans," *Abst. Assoc. Res. Otolaryngol.* **22**, 98.
31. **Dreisbach, L.**, Siegel, J., and Chen, W*. (1998). "Stimulus-Frequency Otoacoustic Emissions Measured at Low- and High-Frequencies in Untrained Human Subjects," *Abst. Assoc. Res. Otolaryngol.* **21**, 88.
32. Siegel, J., **Dreisbach, L.**, Neely, S., and Spear, W*. (1998). "Vector Decomposition of Distortion-Product Otoacoustic Emission Sources in Humans," *Abst. Assoc. Res. Otolaryngol.* **21**, 87.
33. **Dreisbach, L.** and Siegel, J. (1997). "Growth Functions of $2f_1$ - f_2 Distortion-Product Otoacoustic Emissions are Similar for Stimulus Frequencies Above and Below 10 kHz," *Abst. Assoc. Res. Otolaryngol.* **20**, 25.
34. **Dreisbach, L.** and Siegel, J. (1996). "Further Characterization of Ultra-High Frequency Distortion-Product Otoacoustic Emissions (DPOAEs)," *Abst. Assoc. Res. Otolaryngol.* **19**, 180.
35. **Dreisbach, L.** and Siegel, J. (1995). "The Effect of Ear Canal Acoustics on High Frequency Distortion-Product Otoacoustic Emission Group Delay Measurements," *Abst. Int. Evoked Response Audiometry Study Group.* **14**, 17.
36. Siegel, J. and **Dreisbach, L.** (1995). "Optical Placement of a Probe Tube in the Occluded Human Ear Canal," *Abst. Assoc. Res. Otolaryngol.* **18**, 119.
37. Letowski, T. and **Dreisbach, L.** (1992). "Pleasantness and Unpleasantness of Speech," *Abst. Aud. Eng. Soc.* **11**, 59.
38. **Dreisbach, L.** and Frank, T. (1991). "Low- and high-frequency threshold reliability," *Abst. J. Acoust. Soc. Am.* **89**, 1975.

INVITED PRESENTATIONS/WORKSHOPS

1. **Dreisbach, L.** (2018, February). "Objective Measures of the Human Auditory System." Otonomy Inc., San Diego, Ca.
2. **Dreisbach, L.** (2017, May). "Assessing the Human Auditory System (Subjectively and Objectively)." Otonomy Inc., San Diego, Ca.
3. **Dreisbach, L.** and Poling, G. (2016, November). "What Can Otoacoustic Emissions Do For You?" American Speech-Language and Hearing Association 72.
4. **Dreisbach, L.** (2016, October). "Assessing the Human Auditory System (Subjectively and Objectively)." F. Hoffmann-La Roche Ltd Advisory Board Meeting, La Jolla, Ca.
5. **Dreisbach, L.** (2015, May). "Making Reliable DPOAE Measurements for the Purposes of Monitoring and Assessing Cochlear Status." Kaiser Permanente Workshop, Oakland, Ca.
6. **Dreisbach, L.** (2014, November). "Making Reliable DPOAE Measurements for the Purposes of Monitoring and Assessing Cochlear Status." Audiometrics Workshop, Oakland, Ca.
7. **Dreisbach, L.** (2014, September). "Cochlear Base-ics: Human Basal Cochlear Characteristics and Clinical Assessments." Southern California Hearing Conference, Irvine, Ca.
8. **Dreisbach, L.** (2014, March). "Cochlear Base-ics: What We Have Learned About Human Basal Cochlear Function." VA Loma Linda Healthcare System, Loma Linda, Ca.

9. Dhar, S. and **Dreisbach, L.** (2013, November). "A New Look at the Auditory Periphery." American Speech-Language and Hearing Association 94.
10. **Dreisbach, L.** (2012, August). "Making Reliable DPOAE Measurements for the Purposes of Monitoring and Assessing Cochlear Status." Audiometrics Workshop, La Jolla, Ca.
11. **Dreisbach, L.** (2012, June). "Cochlear BASE-ics: Reliably Measuring Ultra-High Frequency (UHF) Human Hearing" National Center for Rehabilitative Auditory Research, Portland, Or.
12. Dhar, S., **Dreisbach, L.**, Goodman, S., and Zettner, E. (2011, November). "Innovations in Assessing Auditory Function Using Objective & Subjective Measures." American Speech-Language and Hearing Association 94.
13. **Dreisbach, L.** (2011, September). "Making Reliable DPOAE Measurements for the Purposes of Monitoring and Assessing Cochlear Status." California Academy of Audiology.
14. **Dreisbach, L.**, Konrad-Martin, D., Dille, M., and Reavis, K. (2011, February). "Tips and Tricks for Making Reliable OAE Measurements." National Hearing Conservation Association 28, 20.
15. **Dreisbach, L.** (2009, October). "Otoacoustic Emissions: Introduction & Clinical Applications (Ultra-High Frequency Hearing)." Invited lecture for ENT residents at the Naval Medical Center, San Diego.
16. **Dreisbach, L.** (2009, April). "OAEs: Research to Practice." American Academy of Audiology featured session. 81.
17. **Dreisbach, L.** (2001, December). "Distortion-Product Otoacoustic Emissions Measured at High-Frequencies in Humans." Invited research seminar for the National Center for Rehabilitative Auditory Research (NCRAR) at the Portland VA Medical Center.
18. **Dreisbach, L.** (2001, June). "Tone burst and bone conduction auditory brainstem response testing." Invited presentation for Kaiser Permanente Audiologists of southern California, San Diego.

NON-PEER REVIEWED INVITED PUBLICATIONS

1. **Dreisbach, L.** (2004). "Ototoxic Medications and Hearing Loss." ASHA Leader, 9(20), 28.

UNPUBLISHED, REFEREED PAPERS BEFORE PROFESSIONAL CONFERENCES

1. Crawford, K.* and **Dreisbach, L.**, (2015). "DPOAE Source Contribution – Repeatability in Younger and Older Children." California Academy of Audiology, San Jose California
2. Ho, M.* and **Dreisbach, L.**, (2014). "Effects of Platinum Chemotherapy Across Treatment on Behavioral and Physiological Sensitive Range for Ototoxicity." California Academy of Audiology, Pasadena California.
3. Newman, S.* and **Dreisbach, L.** (2013). "Clinically Applicable Method of Calibration for Measuring High-Frequency DPOAE Repeatability. California Academy of Audiology, Sacramento California.
4. Newman, S.* and **Dreisbach, L.** (2012). "Repeatability of High-Frequency Behavioral and DPOAE Measures in Normal-Hearing Children." California Academy of Audiology, Berkeley California.

5. Major, I*. and **Dreisbach, L. (2010)**. “Repeatability of ultra-high frequency DPOAEs in young normal-hearing listeners using an alternate calibration method: Bridging the gap from lab to clinic.” California Academy of Audiology, San Francisco California.
6. Baldwin, K*, **Dreisbach, L.**, Kramer, S., and Lockwood, J*. (2004). “Efficacy of the Antioxidant Nutritional Supplement N-acetylcysteine (NAC) in Protecting Ears Exposed to Loud Music.” Southern California Conference on Speech, Language, and Hearing Sciences, San Diego California.
7. Lentz, J., Leek, M., and **Dreisbach, L. (2000)**. “Spectral Integration across Frequency for Normal-Hearing and Hearing-Impaired Listeners.” International Hearing Aid Research Conference at Lake Tahoe California.
8. Leek, M., Lentz, J., and **Dreisbach, L. (2000)**. “Psychophysical Estimates of Cochlear Phase Response: Level Effects.” National Academy of Sciences Colloquium on Auditory Neuroscience, Irvine California.

BOOK REVIEWS

1. **Dreisbach, L. (2000)**. [Review of Handbook of Otoacoustic Emissions]. Ear and Hearing, **21**, 646.

UNPUBLISHED NON-PEER REVIEWED PRESENTATIONS

1. Romero, S*. and **Dreisbach, L. (2006)**. “Repeatability of High-Frequency Distortion-Product Otoacoustic Emissions in Young Children.” School of Speech, Language, and Hearing Sciences Undergraduate Honor’s Thesis Poster Presentation, San Diego, California.

PUBLICATIONS IN PROCESS

1. **Dreisbach, L.**, Konrad-Martin, D., Gagner, C*, Mcmillan, G.P., and Jacobs, P. (in preparation). “High Frequency DPOAE Source Components in Children and Young Adults.” Journal of the Acoustical Society of America

SCHOLARLY AWARDS & HONORS

1. Voted The Best of 2006: Hearing Science; Great for the Clinician: “Repeatability of high-frequency distortion-product otoacoustic emissions (DPOAEs) in normally hearing adults.” Ear and Hearing. **27**, 466-479. 2007
2. Featured in article “SDSU Month 2004,” 360 Magazine, Spring 2004.
3. San Diego State University Research, Scholarship, and Creative Activity Award: Accurate Measurements of High-Frequency Otoacoustic Emissions, 2003
4. San Diego State University Research, Scholarship, and Creative Activity Award: The Calibration of High-Frequency Signals for Clinical Use in Otoacoustic Emissions, 2002
5. San Diego State University Research, Scholarship, and Creative Activity Award: Course Development in Instrumentation in Audiology and Hearing Sciences, Summer 2001

FUNDED RESEARCH GRANTS

1. Northwestern University; Knowles Center Collaborative Grant: Early Detection of Hearing Loss from Chemotherapy Among Racial Groups \$30,000.00, July 2012 – December 2016.

2. NIH (R03): Repeatability of High-frequency Evoked Otoacoustic Emissions in Children \$150,000.00, July 2007
3. The San Diego Foundation Blasker-Rose-Miah Fund; Blasker Science and Technology Grants Program: Repeatability of a Novel, Objective Test for the Detection of Ototoxicity in Humans \$35,000.00, June 2007
4. San Diego State University Faculty Grant-In-Aid: The Repeatability of Stimulus Frequency Otoacoustic Emissions in Humans, 2003-2004
5. San Diego State University Faculty Grant-In-Aid: The Relationship of Stimulus Frequency Otoacoustic Emissions to Behavioral Thresholds, 2002-2003
6. The San Diego Foundation Blasker-Rose-Miah Fund, Blasker Science and Technology Grants Program: The Development of an Objective Test for Ototoxicity in Humans, 2001-2002
7. San Diego State University Faculty Grant-In-Aid: Distortion-Product Otoacoustic Emissions Measured with High-Frequency Stimuli, 2001-2002
8. San Diego State University Sponsored Programs Support: Group Delay Measures of Stimulus-Frequency Otoacoustic Emissions at Varied Stimulus Frequencies and Levels, 2001-2002

UNFUNDED RESEARCH GRANTS

1. NIH (R21): Early Detection of Hearing Loss from Platinum Chemotherapy Among Racial Groups \$ 420,517.00. Not Funded, 2011.
2. Comprehensive SDSU-UCSD Cancer Center Partnership: Detection of Early Physiologic Hearing Changes in Patients Receiving Chemotherapy with Assessment for Differences in Ototoxicity Susceptibility by Racial and Ethnic Groups \$100,000.00. Not Funded, 2010.

PARTICIPATION IN PROFESSIONAL ASSOCIATIONS

Member of the Association for Research in Otolaryngology

Member of the Acoustical Society of America

Member of the American Speech/Language and Hearing Association

Member of the American Academy of Audiology

Member of the American Auditory Society

SERVICE FOR THE UNIVERSITY AND THE COMMUNITY:

SERVICE FOR THE SCHOOL

1. Doctorate in Audiology (AuD) Executive Committee, SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.), 2003-present
2. Audiology Division Committee, School of Speech, Language, and Hearing Sciences, 2000-present
3. Doctorate in Audiology (AuD) Admissions Committee, SDSU/UCSD Joint Doctoral Program in Audiology (Au.D.), 2002-present
4. WEAVE Coordinator, School of Speech, Language, and Hearing Sciences, 2015-present
5. Scholarship Committee, School of Speech, Language, and Hearing Sciences, 2011-present
6. Personnel Committee, School of Speech, Language, and Hearing Sciences, 2007-present
7. Advisor for Student Academy of Audiology (SAA), School of Speech, Language, and Hearing Sciences, 2009-present

8. Curriculum Committee, School of Speech, Language, and Hearing Sciences, 2004-2016
9. Space Committee, School of Speech, Language, and Hearing Sciences, 2013
10. Chair of Scholarship Committee, School of Speech, Language, and Hearing Sciences, 2008-2010
11. Co-Advisor for National Association for Future Doctors of Audiology (NAFDA), School of Speech, Language, and Hearing Sciences, 2004-2009
12. Minority Biomedical Research Support (MBRS) Mentor, College of Sciences, 2002-2007
13. Honors Committee, School of Speech, Language, and Hearing Sciences, 2002-2007
14. Special Events Committee, College of Health and Human Services, 2001-2007
15. Search Committee for Audiology Clinic Director at SDSU in the Joint Doctoral Program of Audiology (Au.D.), School of Speech, Language, and Hearing Sciences, 2001; 2003-2004
16. Search Committee for Audiology Clinic Director at UCSD in the Joint Doctoral Program of Audiology (Au.D.), School of Speech, Language, and Hearing Sciences, 2002-2003
17. Search Committee for Tenure Track Position at SDSU in the Joint Doctoral Program of Audiology (Au.D.), School of Speech, Language, and Hearing Sciences, 2002-2003
18. Audiology Division Committee Coordinator, School of Speech, Language, and Hearing Sciences, 2002
19. Co-Advisor for National Student Speech, Language, and Hearing Association (NSSLHA), School of Speech, Language, and Hearing Sciences, 2001-2004
20. Marshal for Commencement Services, Department of Communicative Disorders, 2001
21. Student Outcomes Assessment Plan (SOAP) Committee, School of Speech, Language, and Hearing Sciences, 2000-2007
22. Proposed Doctorate in Audiology (Au.D.) Subcommittee, School of Speech, Language, and Hearing Sciences, 2000-2003

SERVICE FOR THE COLLEGE

1. Chair of Curriculum Committee, College of Health and Human Services, 2006-2009; 2011-2012
2. Curriculum Committee, College of Health and Human Services, 2004-2006; 2010, 2012-2015

SERVICE FOR THE UNIVERSITY

1. Academic Policy and Planning Committee, San Diego State University, 2011-2017
2. Senate, San Diego State University, 2009-2012
3. Grant-Related/Specially Funded Instructional Faculty Appointment Committee, 2008

SERVICE FOR THE PROFESSION

1. Editorial Consultant for American Speech Language Hearing Association's Special Interest Group 6 "Perspectives," 2016-present
2. Editorial Consultant for *Transactions on Biomedical Engineering*, 2011-present
3. Editorial Consultant for *International Journal of Audiology*, 2007-present
4. Editorial Consultant for *Audiology and Neurotology*, 2005-present
5. Editorial Consultant for *Journal of the Acoustical Society of America*, 2004-present
6. Assistant Editor for *Journal of the American Academy of Audiology*, 2002-present
7. Editorial Consultant for *Ear and Hearing*, 2001-present

8. American Speech Language Hearing Association Special Interest Group 6 Coordinating Committee, 2017 – 2019
9. Assistant Editor for American Speech Language Hearing Association's Special Interest Group 6 "Perspectives," 2016-2018
10. Member of the American Auditory Society program committee, 2017
11. Member of the American Auditory Society program committee, 2016
12. Organizer for the Southern California Annual Hearing Conference, 2015
13. Member of Adult Hearing Assessment topic committee for the 2013 ASHA Convention
14. California Academy of Audiology Pediatric Committee, 2011 – 2013
15. ASHFoundation-RSAC Grant Review and Reviewer Training Program, 2010, 2012
16. National Research Foundation Grant Reviewer, 2010, 2011
17. Research Committee for the American Academy of Audiology, 2009 - 2012
18. Member of Adult Hearing Assessment topic committee for the 2012 ASHA Convention
19. Member of Adult Hearing Assessment topic committee for the 2011 ASHA Convention
20. Member of the American Auditory Society program committee, 2011
21. Member of the American Academy of Audiology program committee, 2010
22. Member of the American Academy of Audiology Academy Research Conference planning committee, 2009
23. Invited lecture for ENT residents at the Naval Medical Center, San Diego, "Otoacoustic Emissions: Introduction & Clinical Applications (Ultra-High Frequency Hearing)." (2009, October)
24. Invited lecture for UCSD Neonatology Group, San Diego, "Hearing Testing for Neonates & Infants," (2009, January)
25. Reviewer for podium and poster presentations submitted to the American Academy of Audiology meeting, 2007
26. Member, Convention Program Committee: American Speech, Language, and Hearing Association, 2005
27. Member, Technical Program Organizing Committee: Acoustical Society of America, 2004
28. Program Co-director for the Second Annual Southern California Conference on Speech, Language, and Hearing Sciences, 2004
29. Program Co-director for the First Annual Southern California Conference on Speech, Language, and Hearing Sciences, 2003
30. Invited Expert Reviewer for Ohio University Baker Fund Proposal, 2002

SERVICE FOR THE COMMUNITY

1. Consultant to Otonomy, 2017-2018
2. Consultant to F. Hoffmann-La Roche Ltd - Roche Pharmaceuticals, 2016-2017
3. Invited career day presentation for Sycamore Ridge Elementary School, San Diego, "My Career as a University Professor," (2011, May)
4. Invited lecture for Carmel Valley Montessori School, San Diego, "How We Hear," (2008, May)
5. Invited scientist lecture for Canyon Crest Academy, San Diego, "Audiology and Otoacoustic Emissions," (2006, May)
6. Representative for the teacher-scholar model at the Salk Institute Career Workshop (2005, May)