### Dennis A. Colucci, M.A., Au.D., ABAC, FAAA





Dennis A. Colucci, M.A., Au.D., ABAC, FAAA
American Board of Audiology Certified
Licensed Audiologist – California DAU 348
Auditory Disorders and Balance Laboratory, Inc.
32565 Golden Lantern Street, Suite B#117
Dana Point, CA 92629 (Mailing Address)

Telephone: 1+949 230-1976

Fax: 1+949 388-0932

Email: drcolucci@hearinginjury.com

Website: www.hearinginjury.com

### **Expertise and Experience**

My knowledge, skills, and abilities come from forty-seven years of clinical, industrial, educational, and rehabilitative audiology, including twenty-five years of forensic practice. I have an in-depth understanding of evaluating and treating newborn, pediatric, adult, and geriatric patients. In addition, I specialize in advanced site-of-lesion testing for hearing and balance disorders utilizing state-of-the-art diagnostics and electrophysiological assessments.

I performed hundreds of consultations, helping patients with tinnitus and hyperacusis find relief, including those with pain hyperacusis. My hearing care involves fitting thousands of hearing aids, designing sound systems, coordinating bimodal cochlear implant equipment, tinnitus retraining, sound therapy, and critical counseling. In addition, specialty services include testing for central auditory processing disorders and retrocochlear pathology.

My industrial audiology experience comes from the petroleum, nuclear power, and lumber industries. As an industrial audiologist, I have performed hundreds of worker's compensation determinations, assisted in developing OSHA hearing conservation programs, and provided earplug fit-testing, sound level measurements, and noise exposure employee training. My knowledge in fetal noise protection for those at risk of hearing loss, premature birth, and delayed

development is incorporated at Chevron and British Petroleum refineries. In addition, I have experience with police and fire, fitness for duty examinations, amplification, and hearing protection for weapons and heavy equipment. As a Certified Medical Disability Examiner for the Veterans Evaluation Service, I evaluated and opined on over 1000 cases of veterans and soldiers with hearing loss, tinnitus, and auditory processing disorders from noise exposure, head trauma, and other diagnosed conditions.

As an expert witness, I provided testimony or consulted for Fortune 500 companies, municipalities, government agencies, legal practices, and individuals. My specialty areas include noise-induced hearing loss, tinnitus, hyperacusis, OSHA regulations, veteran's medical disability examinations, airbag deployment, blast injuries, TBI, ADA, discrimination, malpractice, and audio-vestibular complications of head and neck injuries.

My teaching experience includes courses at the university level, guest lecturing, and state and national academies. My literary contributions include writing numerous "Hearing Matters" articles in The Hearing Journal and becoming a Google Scholar.

#### Education

<u>Institution</u>	<u>Major</u>	<u>Degree</u>	<u>Year</u>
Central Michigan University Mount Pleasant, MI	Audiology	Doctor of Audiology	2004
The Ohio University Athens, OH	Audiology	Master of Arts	1974
California State University Fullerton, CA	Speech Pathology/ Audiology	Bachelor of Arts	1973
Los Angeles Harbor College Wilmington, CA	Communication	Associate of Arts	1972

# Degree Research

Colucci, DA, (2004). An Evaluation of Benefit Provided by Directional Microphones in Elderly Hearing-Impaired Patients in Their 7<sup>th</sup> and 8<sup>th</sup> Decades of Life. Central Michigan University, Doctoral Thesis.

## Certifications, Memberships, Licensure, and Appointments

2012/Present – Contributing Author, "Hearing Matters," The Hearing Journal, Lippincott, Williams, and Wilkins. Over 50 educational and research articles were published on Hearing Science,

Acoustics, Head and Neck Injury, Acoustic Trauma, Auditory Perception, Hearing Research, Balance Disorders, and Patient Care.

- 2010 Tinnitus Practitioner Specialty Training by the Tinnitus Practitioners Association.
- 2010 HEAR Hearing Education and Awareness for Rockers.
- 2003 American Academy of Audiology Scholar.
- 1999 Expert Witness for the Speech Pathology and Audiology Licensing Board for the State of California.
- 1999 Board Certified in Audiology by the American Board of Audiology, No. 13.
- 1996 Board Member California Academy of Audiology.
- 1976 Licensed by the Speech Pathology and Audiology Board in Audiology, License DAU 348.
- 1976 Certificate of Clinical Competence in Audiology, Awarded by the American Speech, Language, and Hearing Association Board of Examiners. (retired)

#### **Professional Chronology**

11/20 to Present – Veterans Evaluation Services – Medical Disability Examiner. Providing independent disability evaluations and assessments for the Veterans Administration for tinnitus, hearing loss, hyperacusis, and auditory processing disorders.

6/07 to 12/20 – Consulting Audiologist for Chevron California – El Segundo and Richmond Refineries and Chevron Shipping, providing evaluations and Worker's Compensation determinations.

6/99 to 10/17 – Consulting Audiologist for the San Onofre Nuclear Generating Station, San Clemente, CA. Provided worker's compensation evaluations, sound level analysis, and hearing conservation services for employees and the SWAT officers.

11/99 to 4/18 – Auditory Disorders and Balance Laboratory in Laguna Hills, CA. Complete hearing and balance laboratory, including hearing instruments, tinnitus retraining, rehabilitation, electrophysiology, electronystagmography, and central auditory processing evaluation.

5/99 to 8/99 - California State University Los Angeles, Department of Speech Pathology and Audiology. Adjunct Professor co-teaching a course to graduate students, "Special Topics in Audiology," John Miles, Ph.D. Chair.

2/89 to 11/99 – Practiced at Audiology Associates locations in Irvine and Laguna Hills, CA.

1/90 to 11/94 - Biogenesis Environmental Services Inc., Austin, TX, and Irvine, CA. Executive Vice-President of Operations. Responsible for project management for environmental waste, bacterial application, and acoustics projects in the United States, Mexico, Venezuela, Taiwan, and China. James A. Wind, President.

6/89 to 4/90 - Kaiser Permanente, Harbor City, CA. Responsible for developing a pediatric and adult audio-vestibular diagnostic center. JoAnne Higa, MD. ENT. Department Chair; Bonnie Ruttgers, MS, CCC/A.

8/87 to 2/89 - Lawrence Chusid, MD, JD, Los Angeles, CA. Clinical Audiologist/Marketing Coordinator - Design and develop clinical capabilities to perform complete diagnostic Audiology for medical/legal cases in worker's compensation and personal injury.

1/85 to 1/87 - Sound Acoustic Systems, Inc., Mission Viejo, CA. Leonard Cohen, President. Vice President, Research and Development - Responsible for developing acoustic/electronic hearing devices and managing the design and development of all projects and personnel.

1/76 to 1/86 - Saddleback Hearing and Speech Center, Inc., Laguna Hill, CA. Provided diagnostic and rehabilitation services for communicatively handicapped children and adults. Developed the first private practice in Orange County to have a complete audio-vestibular laboratory in 1976. Directed business operations for the clinic, which became a state-certified "Rehabilitation Agency" in 1980.

8/78 to 6/79 - Artesia Medical Clinic, Artesia, CA Brian Brantner, MD, Consulting Audiologist. Established and managed the clinic's first complete audio-vestibular laboratory. Managed the daily operations and developed in-service training for staff physicians and nurses.

9/78 to 2/79 - California State University, Fullerton, CA. Michael Metz, Ph.D., Audiology Chairmen. Adjunct Professor teaching graduate and undergraduate students a course on clinical diagnostic testing, interpretation, and equipment functions.

9/75 to 9/76 - Filmore Schiller, MD, Euclid, Ohio. Audio-vestibular consultant. Established and developed a full diagnostic office service for Otologist and Neurologists in the greater Cleveland.

8/74 to 9/75 - Albemarle Regional Speech and Hearing Center, Elizabeth City, NC. Audiologist - Directed and developed clinical and industrial services in the 10-county Albemarle Region of North Carolina. Funded by the US Department of Health, Education, and Welfare.

#### **Professional Presentations**

2024 - Courses - "Principles of Forensic Audiology and Applications of Forensic Audiology," American Academy of Audiology Annual Conventions, Atlanta, Georgia.

- 2023 Course "Forensic Audiology," American Speech-Language-Hearing Association Annual Convention, Boston, Massachusetts.
- 2022 Course "Forensic Audiology," American Academy of Audiology Annual Convention, St. Louis. Missouri.
- 2020 California Academy of Audiology "Facts, Current Trends, and Research in Cannabis," Certified Continuing Education for the State of California Licensing Board, the American Academy of Audiology, and Tier 1 Continuing Education for the American Board of Audiology.
- 2010 British Petroleum US. Health Conference Fetal Hearing Protection in Reproductive Health, Houston, Texas.
- 2009 Men's Health Magazine Question and Answers Ear Protection at Concerts.
- 2008 MD News Idiopathic Sudden Sensorineural Hearing Loss. MD. News, Neurology Edition, Vol.3, No. (6), pp. 16.
- 2008 World Health News Today. The Health Channel 31. "Noise-Induced Hearing Loss."
- 2006 Guest Speaker "Auditory Processing and Ear to Brain Maturity," California State University, Fullerton, Education Department, Roxi Kushner, MA, Coordinator.
- 2004 Course "Research in Hearing Aid Benefits with Directional Microphones," American Academy of Audiology Annual Convention, Washington DC.
- 2002 Course "Balance Dysfunction in the Elderly," Irvine Regional Medical Center, Senior Care Series, Irvine, California.
- 2001 Educational Presentation "The Aided Voice Evaluation," The House Ear Institute, Audiology Department, Los Angeles, California. Donna Cody, MA Education Coordinator.
- 1999 Courses "Effects of Environmental Acoustics on Hearing Performance Counseling" and "Aided Voice Evaluation," American Academy of Audiology, Chicago, Illinois.
- 1997 Course "Effects of Environmental Acoustic on Hearing Performance Counseling," American Academy of Audiology, Ft. Lauderdale, Florida, Michael Dennis, Ph.D. Education Chair.
- 1996 Course "Environmental Acoustics in Audiology Counseling" and "Programmable Hearing Instruments and Performance Rehabilitation," Renate Johnson, MA CCC/A President, Association of Houston Audiologists, Annual Meeting.

- 1994 Special Instructor for the Environmental Fellowship Program. Instructed Engineers in the area of Environmental Acoustics and Biodegradation. The US. Asian Environmental Partnership, US Department of Commerce, San Francisco, CA. Diane J. Norman, Director.
- 1994 Course "Material Management Recovery Programming," Industrial Environmental Association Annual Convention, San Diego, CA.
- 1990 Guest Speaker Annual Meeting of The Fellows of the Howard House Foundation, House Ear Clinic. "Clinical and Rehabilitative Considerations in Hearing Instrument Fittings." Sponsored by Siemens Hearing Instruments, Richard Scott, VP.
- 1988 Co-Instructor for a 13-city national speaking tour "Signal to Noise Ratio and ASP Technology." Presented information on psychoacoustics, auditory system function in noise, and the design and usability of amplification with ASP circuitry for Hearing Technology, Inc.; David Smriga, M.A. Host.
- 1988 Presentation "Trends in Hearing Conservation Management," The City of Los Angeles Occupational Health and Safety Division (Police and Fire), 1401 W. Sixth Street, Los Angeles, CA 90017; Barbara Smith, R.N., Coordinator.

#### **Publications**

- 1. Colucci DA (2024). ASHA Recognizes Changemakers in Forensic Audiology. The Hearing Journal, March, 77(3):7-11.
- 2. Colucci DA (2023). Headaches and Tinnitus. The Hearing Journal, July, 76(07):14,15,20. doi:10.1097/01.HJ.0000946104.95004.4b
- 3. Colucci DA (2022). Post-Concussion Endolymphatic Hydrops. The Hearing Journal, Feb, 75(2): 22,23,32. doi: 10.1097/01.HJ.0000821032.73559.f6
- 4. Colucci DA (2021). Becoming a Forensic Audiologist: What You Need to Know. The Hearing Journal, July, 74(7):26,27. doi: 10.1097/01.HJ.0000766256.41306.e3
- 5. Colucci DA (2021). Driving Risk Among Seniors with Hearing and Vision Loss. The Hearing Journal, January, 74(1):46,47. doi: 10.1097/01.HJ.0000725104.64093.87 6
- 4. Colucci DA (2021). Nociception in Pain Hyperacusis. The Hearing Journal, October, 74(10): 44, 46. doi: 10.1097/01.HJ.0000795672.10008.d8
- 5. Colucci DA (2021). Noises of War and Hearing Care. The Hearing Journal, April, 74(4):32,34,35. doi: 10.1097/01.HJ.0000743732.65453.90

- 6. Colucci DA (2020). Mechanisms of Auditory Neuropathy. The Hearing Journal, March, 73(3):52,53. doi: 10.1097/01.HJ.0000658016.07570.80
- 7. Colucci DA (2020). Noise-Induced Hearing Loss Among Blacksmiths, Boilermakers, and Metalsmiths. The Hearing Journal, January, 73(1):44,46,47. doi: 10.1097/01.HJ.0000651584.98107.43
- 8. Colucci DA (2020). Updates on Auditory Neuropathy Spectrum Disorder. The Hearing Journal, June, 73(6): 32,33,34. doi: 10.1097/01.HJ.0000669900.75620.75
- 9. Colucci DA (2020). The Vulnerable Neck: What a Forensic Audiologist Should Know. The Hearing Journal, Sept, 73(9):46,47. doi: 0.1097/01.HJ.0000717188.14285.3e
- 10. Colucci DA (2019). Benefits of Annual Hearing Aid Exams to Patients and Practice. The Healing Journal, February, 72(2):40,41. doi: 10.1097/01.HJ.0000553585.92595.e9
- 11. Colucci DA (2019). Cannabis and Hearing Care: Hearing Loss and Tinnitus. The Hearing Journal, August, 72(8):43,44,46. doi: 10.1097/01.HJ.0000579600.90915.75
- 12. Colucci DA (2019). Cannabis and Hearing Care: History, Legalization, and Biochemistry. The Hearing Journal, July, 72(7):44,45,46. doi: 10.1097/01.HJ.0000575388.97345.12
- 13. Colucci DA (2019). Cannabis Precautions for Early Life Stages. The Hearing Journal, November, 72(11):44,46. doi: 10.1097/01.HJ.0000612600.04361.37
- 14. Colucci DA (2018). Bilateral Temporal Lobe Lesions: A Case Study. The Hearing Journal, December, 71(12):44,46,47,48. doi: 10.1097/01.HJ.0000550401.28013.e7
- 15. Colucci DA (2018). Central Presbycusis Counseling. The Hearing Journal, April, 71(4):44,45. doi: 10.1097/01.HJ.0000532400.06053.01
- 16. Colucci DA (2018). Fitting Complications of Small and Distorted Ear Canals. The Hearing Journal, August, 71(8):44,46. doi: 10.1097/01.HJ.0000544494.00708.a1
- 17. Colucci DA (2018). Passing the Aided Hearing in Noise Test for Hearing-Critical Jobs. The Hearing Journal, October, 71(10):52,53. doi: 10.1097/01.HJ.0000547408.97702.55
- 18. Colucci DA (2018). Strategies in Aided Voice Evaluation. The Hearing Journal, June, 71(6):44,46. doi: 10.1097/01.HJ.0000538936.55247.ef
- 19. Colucci, DA (2018). Tinnitus, Hyperacusis, and the Autonomic Nervous System. The Hearing Journal, February, 71(2): 44, 46. doi: 10.1097/01.HJ.0000530651.84009.ee

- 20. Colucci DA (2017). 6 Steps to Embed RIC Hearing Aids. The Hearing Journal, August, 79(8):42,44. doi: 10.1097/01.HJ.0000524327.95376.ac
- 21. Colucci DA (2017). Autoimmune Inner Ear Disorders: A Case Study. The Hearing Journal, October, 70(10):46,48. doi: 10.1097/01.HJ.0000526536.70995.34
- 22. Colucci DA (2017). Effective Management of Pain Hyperacusis. The Hearing Journal, February, 70(2):42,44,45. doi: 10.1097/01.HJ.0000513103.95086.22
- 23. Colucci, DA (2017). Insomnia and Tinnitus: A Worrisome Cycle. The Hearing Journal, June, 70(6); 43,45. doi: 10.1097/01.HJ.0000520670.39014.4c
- 24. Colucci DA (2017). Jailhouse Audiology. The Hearing Journal, December, 70(12):44,46. doi:10.1097/01.HJ.0000527874.06076.d6
- 25. Colucci DA (2017). Understanding Labyrinthine Concussion. The Hearing Journal, April, 70(4):44,46. doi: 10.1097/01.HJ.0000515657.27364.c3
- 26. Colucci DA (2016). Acoustic Shock by Nail Gun. The Hearing Journal, April, 69(4): 48. doi:10.1097/01.HJ.0000481808.28828.08.
- 27. Colucci, DA (2016). AMA Hearing Loss/Tinnitus Guidelines. The Hearing Journal, February, 69(2):40. doi: 10.1097/01.HJ.0000480890.25214.bb
- 28. Colucci DA (2016). Audiologist Assistance to Family Caregivers. The Hearing Journal, July, 69(7):46,48. doi: 10.1097/01.HJ.0000489199.79089.a9
- 29. Colucci DA (2016). Respect (and Treat!) Your Elders. The Hearing Journal, June, 69(6):31. doi:10.1097/01.HJ.0000484549.82925.bd
- 30. Colucci DA (2016). Tinnitus in the Courtroom. The Hearing Journal, October, 69(10):38,39. doi:10.1097/01.HJ.0000503465.51212.44
- 31. Colucci DA (2016). Ultra-High Frequency Sudden Sensorineural Hearing Loss. The Hearing Journal, December, 69(12):36,38. doi: 10.1097/01.HJ.0000511131.91864.8e
- 32. Colucci DA (2015). Acoustic Phonetics Counseling. The Hearing Journal, December, 68(12):40. doi: 10.1097/01.HJ.0000475869.51206.8b
- 33. Colucci DA (2015). Biometric Audiology: Docking with the Brain. The Hearing Journal, June, 68(6):40. doi: 10.1097/01.HJ.0000466873.97809.47

- 34. Colucci DA (2015). A Case of Amplified Misophonia? The Hearing Journal, February, 68(2):40. doi: 10.1097/01.HJ.0000461185.20992.80
- 35. Colucci DA (2015). Migraine: Making the Vestibulocochlear Connection. The Hearing Journal, April, 68(4):44,48. doi: 10.1097/01.HJ.0000464226.51298.87
- 36. Colucci DA (2015). Mild Traumatic Brain injury: a Prelude to CAPD. The Hearing Journal, August, 68(8):38,40. doi: 10.1097/01.HJ.0000470893.76070.50
- 37. Colucci DA (2015). Preserving the F0. The Hearing Journal, October, 68(10):39. doi:10.1097/01.HJ.0000472645.15107.9a
- 38. Colucci DA (2014). The Dilemma of Central Presbycusis. The Hearing Journal, April, 67(4): 48. doi: 10.1097/01.HJ.0000446438.42386.a8
- 39. Colucci DA (2014). Distinguishing and Extinguishing Benign Paroxysmal Positional Vertigo. The Hearing Journal, August, 67(8):40. doi: 10.1097/01.HJ.0000453393.05110.87
- 40. Colucci DA (2014). Fit for Hearing Protection with Earplug Testing. The Hearing Journal, December, 67(12):40. doi: 10.1097/01.HJ.0000459168.22417.73
- 41. Colucci DA (2014). In the Oldest Old, Audiological Research is New. The Hearing Journal, February, 67(2):32. doi: 10.1097/01.HJ.0000444137.93891.b9
- 42. Colucci DA (2014). Make Fetal Noise Protection Part of Audiology Care. The Hearing Journal, June, 67(6):40. doi: 10.1097/01.HJ.0000451363.55595.6e
- 43. Colucci DA (2014). The Mozart Effect: Music Exercises the Brain. The Hearing Journal, October, 67(10):56. doi: 10.1097/01.HJ.0000455834.42735.51
- 44. Colucci DA (2013). Hearing Matters: Aided Mapping for Music Lovers: Addressing the Basic Issues. The Hearing Journal, October; 66(10). doi: 10.1097/01.HJ.0000436557.72132.0a
- 45. Colucci DA (2013). Avoiding 'Blurry' Hearing Aids. The Hearing Journal, June, 66(6):32. doi:10.1097/01.HJ.0000430860.93869.45
- 46. Colucci DA (2013). Hearing Matters: Debilitating Tinnitus: A Problem and Solution in Neuroplasticity. The Hearing Journal, August,66(8):32. doi: 10.1097/01.HJ.0000433565.29420.11
- 47. Colucci DA (2013). Hearing Matters: Sudden Hearing Loss Needs Emergency Treatment. The Hearing Journal, April, 66(4):44. doi: 10.1097/01.HJ.0000429414.46291.b4

- 48. Colucci DA (2013). The T-Coils Are Coming. The Hearing Journal, December, 66(12):32. doi:10.1097/01.HJ.0000441060.24409.5a
- 49. Colucci DA (2013). In Whiplash Injury, Audiological Symptoms Need Special Treatment. The Hearing Journal, February, 66(2):36. doi: 10.1097/01.HJ.0000427117.56302.58
- Colucci DA (2012). Hearing Matters: Dangerous Liaisons Shootin' Guns and Ridin' Motorcycles. The Hearing Journal, December, 65(12):56. doi:10.1097/01.HJ.0000423572.93468.99
- 51. Colucci DA (2012). Hearing Matters: Neuroplasticity: The New Frontier in Audiology. The Hearing Journal, October, 65(10):48. doi: 10.1097/01.HJ.0000421135.90967.51