

PROFESSIONAL SERVICES:

Current:

2004-

2006-present

National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention.
Cincinnati, OH

Role: Chair: Expert Committee Safe-in-Sound Award; Scientific project and publication reviewer

2006-2013

Dangerous Decibels® Program Portland, OR

Role: Consultant, outreach dissemination,

Graduate school faculty for capstone research mentor and committees.

2001 & 2005

Instructor

University of Colorado - Boulder, teaching graduate level course

RESEAR

- 2013 Amanda Clark, Au.D.
Effectiveness of the Dangerous Decibels® program in children when delivered with parental involvement.
Role: Research Advisor
- 2013 Ashley Huerta, Au.D.
Integrating hearing status and hearing protector attenuation to estimate a protected articulation index.
Role: Research Advisor
- 2013 Kathleen Pritzl, Au.D.
The relationship between spontaneous otoacoustic emissions and contralateral suppression of transient-evoked otoacoustic emissions in female adults.
Role: Research committee member
- 2013 Fabiola Castro-Lauman, Au.D.
Measurement of distortion product otoacoustic emission

Noise Awareness Day UNC Campus

Kirsten Adikisson, Cassie Tuell, Christine Tobin, Elizabeth Walstrom, Annelise Wakkinen, Emily Wakefield, Rachel Flint and Brittany Vogel

Dangerous Decibels® Public Outreach volunteers American Academy of Audiology AudiologyNOW! Denver, CO

RESEARCH EXTERNAL FUNDING:

Total Grant Support: \$1,032,105.00 2004-2014

Active Research Support

ACTIVE:

Clavier, O. (PI), (04/01/2014-03/30/2016). National Institutes of Health (NIH), Improving Access to Healthcare -attenuating headset for automated hearing sub-contract budget). Role: Co-Investigator

Program Announcement RFP: Agency for Healthcare Research and Quality Patient Centered Outcomes Research K08 (AHRQ PCOR K08). Sekhar, D. (PI)

Proposed Project Dates (July 1, 2014-June 30, 2017).

National Institutes of Health

Improving detection of adolescent hearing loss.

Role: Co-mentor (No subcontract budget) (\$147,850 total budget)

Clavier, O.H. (PI), Meinke, D. (04/01/2014-9/30/14). National Institutes of Health (NIH), SBIR [R43/R44]. sub-contract budget).

Program Announcement RFP: W81XWH-11-PHTBI-ANRA Applied Neurotrauma Research Award Psychological Health and Traumatic Brain Injury (PH/TBI) Research Program Buckey, J.C. (PI)

Proposed Project Dates: (9/1/2012-8/31/2016)

Department of Defense (DoD).

Neuroanatomic and auditory correlates of traumatic-brain-injury-related hearing dysfunction

Role: Co-Investigator (\$52,767 sub-award budget)

Broad Agency Announcement (BAA) 11-018 Buckey, J.C. (PI)

Proposed Project Dates: (8/1/2012-5/31/2015)

Office of Naval Research (ONR)

Sensitive detection and reliable tracking of acoustic insults from noise, blast and head trauma.

Role: Co-Investigator (\$385,970 total proposed budget)

National Institute for Occupational Safety and Health (NIOSH) RFP Number: 2009-N-11203.

Proposed Project Dates: (8/15/2009-8/14/2012).

Centers for Disease Control and Prevention (CDC)

Determination of the Variability of 8 kHz as an Audiometric Test Frequency Relative to 0.5, 1, 2, 3, 4 and 6 kHz. Meinke, D.K. (PI)

Role: Primary Investigator (\$582,086 total proposed project budget).

NATIONAL MEETINGS:

- 2014 39th Annual Conference of the National Hearing Conservation Association
National Hearing Conservation Association
Las Vegas, NV
Chair: Expert Committee for Hearing Loss Prevention Award Project; Chair: Children and Noise Task Force
- 2014 AudiologyNOW! 2014, DiscovEARy Zone
American Academy of Audiology
Orlando, FL
Committee Member: Public Awareness: Facilitated Dangerous Decibels® interactive exhibits, event setup and delivery.
- 2013 Innovations in Hearing Loss and Tinnitus Prevention in Kids conference
Dangerous Decibels
St. Paul, MN
Co-Chair
- 2013 AudiologyNOW! 2013, DiscovEARy Zone
American Academy of Audiology
Anaheim, CA
Committee Member: Public Awareness: Facilitated Dangerous Decibels® interactive exhibits, event setup and Dangerous Decibels educator workshop.
- 2013 38th Annual Conference of the National Hearing Conservation Association

Hosted the Conference as President of the Association, Chair: Expert Committee for Hearing Loss Prevention Award Project

- 2008 AudiologyNOW! 2008, DiscovEARy Zone
American Academy of Audiology
Charlotte, NC
Committee Member: Public Awareness: Facilitated Dangerous Decibels® interactive exhibits and student volunteer training.
- 2008 33rd Annual Conference of the National Hearing Conservation Association
National Hearing Conservation Association
Portland, OR
Honors and Awards Task Force Chair. Facilitated nominations and selection of award winners and honorees of the association. Hosted the 2008 Awards Luncheon.
- 2007 National Institute for Occupational Safety and Health (NIOSH)
Cincinnati, OH
Chair: Expert Committee for Hearing Loss Prevention Award Project
- 2007 AudiologyNOW! 2007, Colorado Dangerous Decibels Teach-In
American Academy of Audiology
Denver, CO
Local Arrangements Committee: Public Awareness: Coordinated resources and classroom presentations by 33 Colorado audiologists to K-12 students (1500).
- 2007 AudiologyNOW! 2007, DiscovEARy Zone, Interactive Educational Experience,
American Academy of Audiology
Denver, CO

Editorial Reviewer for:

- present
, 2014

Academic Pediatrics
International Journal of Environmental Research in Public Health
Archives of Pediatrics and Adolescent Medicine
Health Education Research
Journal of the Acoustical Society of America
Journal of Toxicology and Environmental Health
Annals of Occupational Hygiene
International Journal of Audiology
American Journal of Audiology
Audiology Online / ASHA Peer Reviewer
Noise and Health

2014

2013
2013
2011-present
2010-present
2008-present
2011
2010, 2014
2006-present
2006-present
2006

1.

10. Meinke, D. (2011), School-
Editorial. Arch Pediatr Adolesc Med. Vol. 165 (12), pp 1135-1136. -induced hearing loss. Invited
11. Wakefield*, E. and Meinke, D.K. (2011) Communication strategies between occupational hearing conservationists and Spanish-speaking workers. ASHA Perspectives: Communication Disorders and Sciences in Culturally and Linguistically Diverse Populations. Vol. 18(3) pp. 63-70.
12. Jadid*, K., Klein, U. and Meinke, D. (2011) Assessment of noise exposure in a pediatric dentistry residency clinic. Pediatric Dentistry. Vol. 33(4). pp 343-348.
13. Meinke, D. and Morata, T. (2011) Foreword. International Journal of Audiology Supplement 50, pp S1-S2.
14. Flamme, G., Stewart, M., Meinke, D., Lankford, J. and Rasmussen, P. (2011) Auditory risk to unprotected bystanders exposed to firearm noise. Journal of the American Academy of Audiology. Vol. 22. pp 93-103.
15. Meinke, D.K. (2009) Preface. Noise and Health Vol. 11(42), p 1.
16. Bell-Lehmkueller*, B., Meinke, D.K., Sedey, A. and Tuell, C. (2009)
11(42), pp 59-68. Noise and Health Vol.
17. Meinke, D.K., Meade, S., Johnson, C.D., Jensema, J. (2008)
pp 49-58. Seminars in Hearing, Noise-induced Hearing Loss in Children, Vol. 29,
18. Johnson, C.D. and Meinke, D.K. (2008) Noise-induced hearing loss: Implications for s
in Hearing, Noise-induced Hearing Loss in Children. Vol. 29, pp 59-66. Seminars
19. Meinke, D.K. and Dice*
noise-induced
S202. American Journal of Audiology Vol.16 S190-S202, pp S191-
20.
(Doctoral dissertation, University of Colorado Boulder). 224 pages. UMI AAT 3190388

12. Norris, J.A., Clavier, O.H., Allen, L.V., Kline-Schoder, R.J., Meinke, D.K., and Buckey, J. Repeatability of distortion product otoacoustic (DPOAE) mapping. Abstracts of the American Auditory Society Scientific and Technology Meeting. Scottsdale, AZ. Vol. 37,

37.

-in-S TJ011002E7.

Winter Meeting of the Association for Research in Otolaryngology. Denver, CO. Abs. #516, p. 69, February, 2007.

50. Meinke, D. K. and Dice* Noise-Induced Hearing Loss in Children at Work and Play Scientific Conference. Cincinnati, OH. NHCA Spectrum, Vol. 23, Supplement 2, p. 22. October 2006
51. Noise-Induced Hearing Loss in Children at Work and Play Scientific Conference. Cincinnati, OH. NHCA Spectrum, Vol. 23, Supplement 2, p. 10. October 2006
52. Lankford, J.E. and Meinke -induced hearing loss throughout the 34th Annual American Academy of Physician Assistant Conference. San Francisco, CA. Abs. #6099, p. 110. May 2006
53. ®: Prevent NIHL in kids of all ages. Abstracts of the AudiologyNOW! 2006 annual meeting of the American Academy of Audiology. Minneapolis, MN. Abs. SM301, p. 65. April, 2006
54. Meinke, D.K., Stagner, B.B., Lonsbury-Martin, B.L. and in normal and noise-damaged human ears of the American Auditory Society Annual Meeting. Scottsdale, AZ. The Bulletin of the American Auditory Society, Vol. 31, No.1 p. 31. March, 2006
55. Meinke, D.K., Lonsbury-derived Inner Ear Biology Conference, Montpellier, France, February 2006.
56. Meinke, D.K., Martin -tone component in low-frequency hearing The 29th Mid-Winter Meeting of the Association for Research in Otolaryngology. Baltimore, MD. Abs. #1152, p. February, 2006
57. Meinke, D.K., Stagner, B.B., Martin, G.K. and Lonsbury-Martin, B.L. (2005) Human Efferent Adaptation of DPOAEs in the L₁,L₂ Hearing Research, 208, pp 89-100.
58. Meinke, D.K., Meade, S., Johnson, school s National Hearing Conservation Association 30th Annual Convention. Tucson, AZ. NHCA Spectrum, Vol. 22, Supplement 1, p. 25. February 2005.
59. Meinke, D.K., Stagner, B.B, Martin, G.K., Lonsbury-otoacoustic emissions in L₁,L₂ space in humans. Abstracts of the Inner Ear Biology Conference, Tübingen, Germany, p. 96., February 2005.
60. Madison, T., Meinke, D Loss: Dangerous Decibels™ American Speech-Language-Hearing Association annual conference, Philadelphia, PA, Abs. SC26 the ASHA Leader, Vol. 9, No. 15, p.47. Nov. 2004
61. Meinke, D.K., Stagner, B., Martin, G. and Lonsbury- daptation of DPOAEs in the L₁,L₂ American Auditory Society annual conference. Scottsdale, AZ. The Bulletin of the American Auditory Society, Vol. 29, No.1, p. 39. March 2004
62. Meinke, D.K., Griest, S., Martin National Hearing Conservation Association 29th Annual Convention. Seattle, WA. NHCA Spectrum, Vol. 21, Supplement 1, p. 21. February 2004.

18. Meinke, D.K. and Charbonneau, J., (2001) EAResponsibilities. CAOHC Update, 13, #2, pp. 1, 9.
19. Lankford, J.E., DeLorier, J. and Meinke, D.K. (2000) Farm safety camp: Hearing loss prevention. NHCA Spectrum, 17, #4, pp. 6-9.
20. Meinke, DK. (1995) State regulation of audiometric technicians in industry. Audiology Today, 7, #2, pp. 15-17.

Article(s) Accepted for Publication: none

16. Meinke, D.K., Martin, W.H. Endangered ears: kids, noise and Dangerous Decibels® *Invited* guest research lecture; University of Rhode Island. Kingston, RI. April 2012.
17. Spankovich, C., Swanepoel, D. and Meinke, D. Public health/Community outreach. *Invited* feature session podium presentation at the Audiology Now! 2012 Annual Conference of the American Academy of Audiology. Boston, MA., March 2012.
18. Fligor, B., Meinke, D.K., and Neitzel, R. Recreational noise exposure: When fun is hazardous to your hearing! *Invited* feature session podium presentation at the

31. Meinke, D.K., & Martin W.H. Dangerous Decibels®. *Invited keynote presentation for the 60th Anniversary Hearing and Vision Conference* Michigan Department of Community Health. Thompsonville, Michigan. September 2009.
32. Meinke, D.K., Exploring Noise Induced Hearing Loss with Otoacoustic Emissions. *Invited presentation for the 24th Encontro Internacional de Audiologia*, Bauru-Sao Paulo, Brazil. April, 2009.
33. Meinke, D.K., Martin, W.H., Sobel, J.L., Griest, S. and Howarth, L. Dangerous Decibels®: Partnering for Hearing Loss Prevention. *Invited presentation for the 24th Encontro Internacional de Audiologia*, Bauru-Sao Paulo, Brazil. April, 2009.
34. Meinke, D.K., Incidental Noise Exposures in Youth. *Invited presentation for the 24th Encontro Internacional de Audiologia*, Bauru-Sao Paulo, Brazil. April, 2009.
35. Morata, T.C., Meinke, D.K. and Graydon, P.S. Safe-in-Sound award. A partnership to identify and promote excellence in hearing loss prevention. Poster presentation at the National Occupational Research Agenda (NORA) Symposium 2008: Public Market for Ideas and Partnerships. Denver, CO. July 2008.
36. Meinke, D.K., Martin, W.H., Griest, S.E., Howarth, L., Sobel, J.L. and Scarlotta, T. Dangerous Decibels® I: Noise induced hearing loss and tinnitus prevention in children. Noise exposures, epidemiology, detection interventions and resources. Podium presentation at the 9th International Congress on Noise as a Public Health Problem, Mystic, Connecticut, July, 2008.
37. Martin, W.H., Meinke, D.K., Sobel, J.L., Griest, S.E., and Howarth, L. Dangerous Decibels® II: Critical components for an effective educational program and special considerations for hearing loss prevention devices for children. Podium presentation at the 9th International Congress on Noise as a Public Health Problem, Mystic, Connecticut, July, 2008.
38. Meinke, D.K. and Dice, N. Comparison of school-based audiometric screening criteria for the identification of noise-induced hearing loss in adolescents. . Poster presentation at the 9th International Congress on Noise as a Public Health Problem, Mystic, Connecticut, July, 2008.
39. Meinke, D.K., Stanger, B.B., Lonsbury-Martin, B.L. and Martin, G.K. Detailed DPOAE level/phase maps provide insight into normal and noise-damaged human ears. Poster presentation at the 9th International Congress on Noise as a Public Health Problem, Mystic, Connecticut, July, 2008.
40. Meinke, D.K. Noise risks and the early identification of noise-induced hearing loss in youth. Online continuing education presentation for Audiology Online presented on June 25, 2008. Available at http://www.audiologyonline.com/ceus/index.asp?partner_id=1. Retrieved on October 25, 2008.
41. Meinke, D.K., Insight into normal and noise-damaged human ears using detailed DPOAE level/phase maps. *Invited* podium presentation at the National Institute of Occupational Safety and Health; Pittsburgh Research Lab. Pittsburgh, PA. June 2008.
42. Meinke, D.K., Insights regarding the need for hearing loss prevention efforts targeting youth and young workers. *Invited* podium presentation at the National Institute of Occupational Safety and Health; Pittsburgh Research Lab. Pittsburgh, PA. June 2008.
43. Morata, T., Meinke, D.K., Franks, J.R., Graydon, P.S., Hager, L.D., Lankford, J.E., Schneider, S., Seixas, N., Adkisson, K. Safe-in-sound: The NIOSH-NHCA award for excellence in hearing loss prevention. Podium panel presentation at the 33rd Annual Hearing Conservation Conference of the National Hearing Conservation Association. Portland, February, 2008.
- 44.

59. Dange

76. Crank it down Colorado kids. Podium presentation at Colorado Academy of Audiology Annual Conference, Winter Park, CO., October 2000.
77. Gearing up to crank it down: noise induced hearing loss in children. *Invited* podium presentation to Directors of Speech and Hearing Programs State Health Department Worker Association, Denver, CO. July 2000
78. Hearing protection-unplugged. *Invited* podium presentation at Rocky Mountain Health & Safety Conference, Denver, CO., April 2000
- 79.

students. Hosted by the 3M and the National Hearing Conservation Association. Orlando, FL. February 2013. Role: Course presenter.

8. Meinke, D.K., Martin, W.H., Murphy, W.J., Flamme, G.A. DiscovEAR hearing loss prevention; strategies, interventions and hearing protector fit-testing. *Invited Learning Lab* one-day workshop at the Audiology Now! 2013 Annual Conference of the American Academy of Audiology. Anaheim, CA, April 2013. Role: Organizer and presenter.
9. Dangerous Decibels® Training Workshop for educators. *Invited faculty*. Two-day workshop to equip and prepare educators for hearing loss and tinnitus prevention program dissemination targeting K-12 students. Hosted by the Oregon Health and Science University. Portland, OR. August 2012. Role: Course presenter.
10. Dangerous Decibels

students. Hosted by the Oregon Health and Science University. Portland, OR. August 2010. Role: Course presenter.

19. Flamme, G., Lankford, J., Meinke, D., Sondergaard, J., Stewart, M. Recreational Firearm Noise Exposure. Workshop presented at the 35th Annual Hearing Conservation Conference of the National Hearing Conservation Association. Orlando, FL February 2010. Role: co-organizer, presenter.
20. Dangerous Decibels® Training Workshop for educators. *Invited faculty*. Two-day workshop to equip and prepare educators for hearing loss and tinnitus prevention program dissemination targeting K-12 students. Hosted by the National Hearing Conservation Association 35th Annual Conference. Orlando, FL, February 2010. Role: presenter.
21. Flamme, G., Lankford, J., Meinke, D., Sondergaard, J., Stewart, M. Recreational Firearm Noise Exposure. Workshop presented at the Illinois Academy of Audiology 17th Annual Convention Chicago, IL January 2010. Role: presenter.
22. Dangerous Decibels® Training Workshop for educators. *Invited faculty*. Two-day workshop to equip and prepare educators for hearing loss and tinnitus prevention program dissemination targeting K-12 students. Hosted by the Oregon Health and Science University. Portland, OR. August 2009. Role: Course presenter.
23. Dangerous Decibels® Training Workshop for educators. *Invited faculty*. Two-day workshop to equip and prepare educators for hearing loss and tinnitus prevention program dissemination targeting K-12 students. Hosted by the Hawaii Speech and Hearing Association 32nd Annual Communication Disorders Convention. Honolulu, April, 2009. Role: presenter.
24. Flamme, G., Lankford, J., Meinke, D., Rasmussen, P., Stewart, M. Recreational Firearm Noise Exposure. Workshop presented at the 34th Annual Hearing Conservation Conference of the National Hearing Conservation Association. Atlanta, GA.

48. Council for Accreditation in Occupational Hearing Conservation (CAOHC) certification/recertification course for audiometric technicians. Three-day workshops held bi-annually since 1988, currently offered in collaboration with Associates in Acoustics, Inc. Greeley, CO. March/August bi-annually since 1988. Role: Course co-director and presenter.

CONTINUING EDUCATION / PROFESSIONAL DEVELOPMENT:

MATLAB Fundamentals
3-day introductory training course
Denver, CO

2013

<u>Best practices Workshop: Combined Effects of Chemicals and Noise on Hearing:</u> Sponsored by National Institute for Occupational Safety and Health (NIOSH), Centers For Disease Control (CDC) and the National Hearing Conservation Association. Cincinnati, OH.	2002
<u>University of Northern Colorado: Greeley, CO</u> Independent Study: People to People Audiology Delegation to South Africa	2000
<u>National Hearing Conservation Association Excellence Seminar:</u> Indianapolis, IN	2000
<u>Newborn Hearing Screening with Otoacoustic Emissions Workshop:</u> Boulder, CO	2000
<u>National Symposium on Infant Hearing:</u> Vail, CO, Breckenridge, CO	1995, 2004

Activity: Develop, promote and review program research activities and funding
Audiology & Speech-

- 2004-present *Audiology Program Committee* member
Activity: Develop, implement and monitor outcomes for graduate training program for Au.D. program.
Audiology and Speech-Language Sciences
University of Northern Colorado
- 2004-present *ASLS Library Committee* chair

1988-2007

_____ member, Past-President
Activities: Support for (1) Weld County Hearing Aid Bank; (2) for social, medical and educational programs for children with hearing impairments in Weld County and (3) for scholarship support for audiology and speech-language pathology graduate students.

1988-2000

Channel 9 Health Fair Volunteer hearing testing for the local public community

OTHER INTERESTS:

Nature photography and outdoor activities such as hiking, archery and snowshoeing. These activities are combined with an interest in wildlife conservation, which has focused on the coordination of the Colorado Bald Eagle banding project for the Colorado Division of Wildlife between 1994 and 2007. Trained in the biological measurements of bald eagles, physical handling and banding techniques.