

Occupational Audiologist

Years of Experience:

37

Education:

- Doctorate of Audiology (Au.D.), Arizona School of Health Sciences, 2004
- Masters of Education (M.Ed.), University of Virginia, 1970
- Bachelor of Science (BS), Psychology—Commonwealth University, 1965

PROFESSIONAL EXPERIENCE

- **Workplace INTEGRA, Inc.**
1999-Present
Business principal providing audiological surveillance services necessary to create and/or maintain a company's hearing conservation program.
- **U.S. HealthWorks, Preventive Services Division** (formerly Health & Hygiene/ELB)
1984-1999
Vice President, Hearing Conservation and Information Services.

Consulting. As Senior Occupational Audiologist visited plants to establish or evaluate hearing conservation programs for industry. Conducted sound surveys, dosimeter studies, and educational programs. Evaluated and recommended audiometric booth and testing equipment as well as data management systems. Evaluated environmental noise. Assessed corporate and company hearing conservation programs for effectiveness and OSHA compliance. Advised management on OSHA citations. Reviewed individual workers' compensation cases and testified as an expert witness in both workers' compensation and environmental noise litigation. Assisted in resolving plant employee/employer industrial relations problems involving hearing conservation or individual hearing loss.

Course Director: Planned, directed, wrote promotional literature, and presented all subject matter in several hundred CAOHC 20 hour certification and re-certification courses. Responsible for development of course manuals.

- **Oto-Data, Inc.**
1974-1984
A founder, major principal and Vice President of Hearing Conservation program for the company. Hearing conservation duties essentially same as U.S. Health Works. Facilitated hearing conservation service growth to 1.3 million in 10 years of service.
- **Hearing Conservation Noise Control**
1969-1974
Industrial Audiological Consultant for established hearing conservation programs. Instructor for courses establishing industrial hearing conservation programs. Conducted sound level measurements, audiometric booth placement, etc.

PROFESSIONAL CREDENTIALS

- Certificate of Clinical Competency in Audiology, American Speech-Language-Hearing Association
- Licensed to practice Audiology in North Carolina, Virginia, and New York states
- Certified Course Director, (CAOHC) Council for Accreditation in Occupational Hearing Conservation

PROFESSIONAL ACCOMPLISHMENTS

- Developed criteria, program logic and report format for audiogram interpretation. System allowed the review of 300,000 tests per year with 690,000 active employees on file.
- Pioneered the use of PC software used in plant medical departments. Managed the development and marketing of innovative modular software (hearing, pulmonary, scheduling, drug tests, and dispensary log) for use by industry and clinics. Created income streams for software sales, maintenance, installation and training, and equipment sales. Over 400 individual plant sites were established.
- Supported the development of three branch offices with information, recruiting and service contracts.
- Project manager for development of client data base software written in Access. This required coordination representatives provided departments including hearing conservation, industrial hygiene, medical, information services and administration. Representatives provided input on the existing systems and a design for the new system. The project eliminated multiple customer data base files in each department.
- Supervised the construction of fourteen mobile testing units. Each unit had handcrafted acoustically-treated interiors with inspections at key construction phases. Subcontracted labor and procured materials.

ADDITIONAL PROFESSIONAL ACTIVITIES:

- Past Chairman of Ethics and Professional Standards Committee, National Hearing Conservation Association
- Member of Baseline Revision Committee, National Hearing Conservation Association
- Professional Service Organization (PSO) Delegate to Executive Council, National Hearing Conservation Association, 1997- 1999
- Member of Steering Committee, Hearing Conservation Special Interest Division, American Speech-Language Hearing Association, 1998-2000
- Member of Ad Hoc Committee, Standardization of Hearing Conservation Data, National Hearing Conservation Association, 1999 to present
- Member of Occupational and Environmental Hearing Conservation Committee, American Speech-Language Hearing Association, 1999
- Steering Committee, National Hearing Conservation Association, July 15, 2003, attendance by special invitation
- Instructor, Occupational Audiology Course, Doctoral Level, University of North Carolina, Spring Semester, 2006

PROFESSIONAL PRESENTATIONS 1992-PRESENT

The Hearing Impaired Worker, Annual Convention, National Hearing Conservation Association, San Antonio, TX, February, 1992

Chemicals and Hearing, Occupational Health Update, Health & Hygiene, Greensboro, NC, June 17, 1993

Position Paper on Revision of OSHA Noise Standard, George Cook, OSHA Standards Committee, October 1994

Review of OSHA Noise Standard: 1910.95, Excellence in Hearing Conservation, NHCA Charlotte, NC, September 1995

The Use of Age Adjustment in Identifying Changes in Hearing, Annual Convention, National Hearing Conservation Association, Atlanta, Ga., February 1999

Auditing and Evaluating a Hearing Conservation Program, National Hearing Conservation Association, Panel Moderator and Presenter, Raleigh, NC, February, 2001

Field Assessments of TTS and Implications for Evaluating and Preventing STS and PTS, National Hearing Conservation Association, Panel Presenter, Denver, CO, February 2003

Accommodating the Hearing Impaired Worker under ADA, Sara Lee Nurses Conference, Myrtle Beach, SC, November 2003

STS Recordability – Effects on Industry, National Hearing Conservation Association, Panel Presenter, Seattle, WA, February 2004

Issues for the Hard of Hearing and ADA Accommodations in Industry, National Hearing Conservation Association, Short Course, Tucson, AZ, February, 2005

Ototoxicity in the Workplace, American Industrial Hygiene Association, Local Chapter, Greensboro, NC, November, 2005

The Crisis in Occupational Hearing Conservation in America, National Hearing Conservation Association, Panel Presentation, Tucson, AZ, February, 2006

PUBLICATIONS 1982-PRESENT:

Cook, G. R., Hear What It's All About: Industrial Hearing Conservation, *Industrial Hygiene News*, November 1982

Cook, G. R., and Creech, H. B., Reliability and Validity of Computer Hearing Tests, *Hearing Instruments*, July 1983

National Hearing Conservation Association, *Spectrum*, April 1985 through October 1988: Technology Series-Ten Articles

1. An Introduction to Hardware April 1985
2. An Introduction to Software August 1985
3. Bytes: 64K or 60 Meg ? December 1985
4. An Overview of Contemporary Hardware and Software Vol. 3 No. 2, 1986
5. The Stimulus Used by Audiometric Computers to Administer Hearing Tests.

Vol. 3 No. 3, 1986

6. Testing Procedures Used in Audiometric Computers Vol. 3 No. 4, 1986
7. Evaluating Software for the Personal Computer Vol. 4 No. 1, 1987
8. Features in Software: Minimum Screen Entry Vol. 4 No. 3, 1987
9. Features in Software: Help Screens and Prompts Vol. 4 No. 4, 1987
10. File Maintenance in Software Vol. 5 No. 1, 1988

Woodward, Deborah L., Cook, G.R., OSHA Log Entry: Revised Baselines, 30 Day Re-tests and Presbycusis, *NHCA Spectrum*, Vol. 8; No 4, 1991

Cook, G. R., Standard Threshold Shift Recording on OSHA 200, *NHCA Spectrum*, July 1992

Cook, G. R., Troubleshooting an Audiometer, Health & Hygiene, *Healthy Business*, Spring 1994

Cook, G. R., Chemicals Can Have Toxic Effect on Hearing: Carbon Monoxide, Health & Hygiene, *Healthy Business*, Summer 1994

Cook, G. R., High Dose Carbon Monoxide is One Chemical That Has Been Found to Induce Hearing Loss, Health & Hygiene, *Healthy Business*, Fall 1994

Cook, G. R., Massive or Prolonged Exposure to Arsenic May Cause Hearing Loss, Health & Hygiene, *Healthy Business*, Spring 1995

Cook, G. R. Hearing Conservation in American Samoa, Health & Hygiene, *Healthy Business*, Spring 1995

Cook, G. R., Manganese Exposure Can Cause Hearing Loss in Low and High Ranges, Health & Hygiene, *Healthy Business*, Winter 1995

Cook, G. R., Tin Can Cause Cochlea Damage, Health & Hygiene, *Healthy Business*, Summer 1996

Cook, G. R., Organic Solvents and Hearing Loss: Introduction, Health & Hygiene/ELB, *Safe & Healthy Workplace*, Nov./Dec 1996

Cook, G. R., Managing Occupational Hearing Conservation, *Hearing Review*, Sept. 1999 (www.workplacegroup.net/article-mgn-hear-cons.htm)

Cook, G. R., MSHA in View of OSHA, George R. Cook, *NHCA Spectrum*, July 2000 (www.workplacegroup.net/article-msha-disc.htm)

Cook, G. R., An Explanation of Recording Hearing Loss on the OSHA 300 Log, *Workplace Group E-Newsletter*, August 2002 (www.workplacegroup.net/article-OSHA-300.htm)

Cook, G. R., Case Study: 1: Sudden Sensorineural Hearing Loss, *Workplace Group E-Newsletter*, March 2003 (www.workplacegroup.net/article-sudden-hearing-loss.htm)

Cook, G. R., Case Study 2: Diet, Noise and Hearing Loss, *Workplace Group E-Newslet-*

ter, August 2003 (www.workplacegroup.net/article-diet-hearing-loss.htm)

Cook, G.R. (2004), Evaluating the Quality of Hearing Conservation from Hearing Test Results, *Workplace Group E-Newsletter*, March 2004 (www.workplacegroup.net/article-hearcons-prgm-qual.htm)

Cook, G. R., An Overview of the Occupational Hearing Conservation Programs: The Audiologist's Role, Audiologic/Medical Referrals, and Expectations concerning Referrals, American Speech Hearing Association, *Perspectives*, Fall 2004 issue (www.workplacegroup.net/article-OHCP-overview.htm)

Cook, G.R., Multiple Sclerosis and Hearing Loss, *Workplace Group E-Newsletter*, November 2005 www.workplacegroup.net/article-MS-hearing.htm

Cook, G.R., The Crisis in Occupational Hearing Conservation in America, *Workplace Group E-Newsletter*, March 2005 (www.workplacegroup.net/article-crisis-in-HCP.htm)

Cook, G.R., Ototoxic Drugs, Chemicals, and Heavy Metals in the Workplace, *Workplace Group E-Newsletter*, December 2005 (www.workplacegroup.net/article-drugs-chem-metals.htm)