

2ND INTERNATIONAL

Hearing Loop Conference

Get in the 
Hearing Loop 

A Joint Project of the
Hearing Loss Association
of America and the
American Academy
of Audiology



June 18–20, 2011 • Hyatt Regency Crystal City at Reagan National Airport

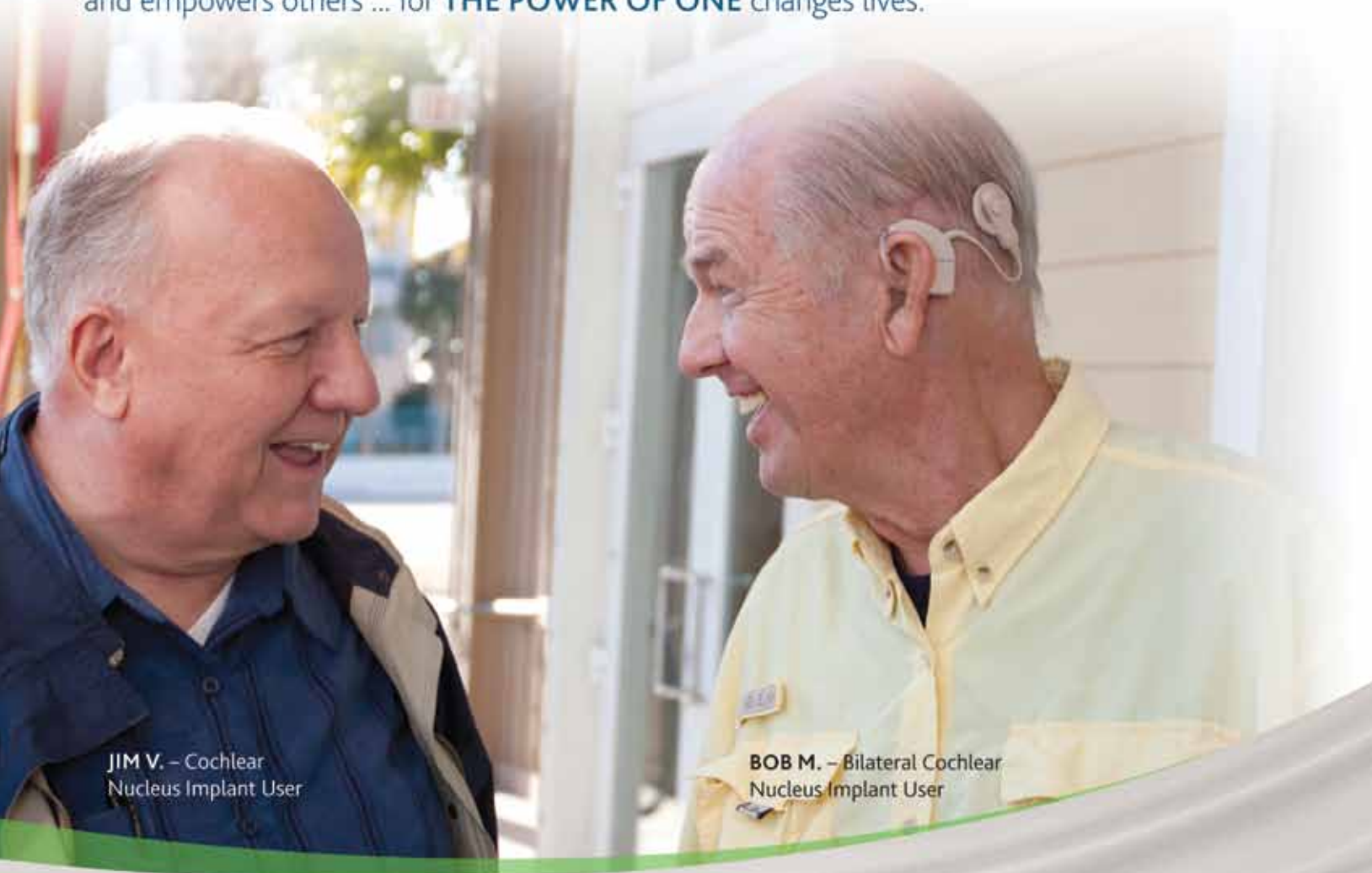
THE POWER OF ONE

ONE conversation. ONE smile. ONE reassuring hug.

It often only takes **ONE** individual to encourage a person to seek a solution for hearing loss.

Do you remember the **ONE** special person who reached out to you?

We salute each dedicated member of HLAA who raises awareness and empowers others ... for **THE POWER OF ONE** changes lives.



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1. Internal data on file, July 2010.



Hear now. And always





The 2nd International Hearing Loop Conference is sponsored by The David and Carol Myers Foundation and the Richard and Helen DeVos Foundation.

2nd International Hearing Loop Conference

Welcome...

On behalf of the Hearing Loss Association of America (HLAA) and the American Academy of Audiology (the Academy), we welcome you to the 2nd International Loop Conference which is part of the “Get in the Hearing Loop” campaign, a joint project of HLAA and the Academy.

The purpose of the campaign is to enlighten and excite consumers, as well as audiologists and other professionals who dispense hearing aids or provide services to individuals with cochlear implants, about telecoils and hearing loops and their unique benefits.

The Conference assembles experts from many countries who bring their deep technical expertise and wide experience in looping and providing hearing access for people with hearing loss. Whether you have traveled here from overseas or from within the United States, we are honored to host you for this exciting Conference. We have planned two days of high-quality presentations with a range of topics from the technical aspects of looping installations to how to advocate for them in communities throughout the world.

We hope you will enjoy the educational sessions, the social events and the opportunity to network with other looping enthusiasts.

Yours sincerely,

Brenda Battat
Executive Director
Hearing Loss Association of America

Patricia B. Kricos, Ph.D.
President
American Academy of Audiology



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SCHEDULE-AT-A-GLANCE

Saturday, June 18

10 a.m. – 5 p.m.

HLAA's Convention 2011 Exhibit Hall Open
Independence Center

7p.m. – 10 p.m.

A Capital Celebration (Banquet)
Regency Ballroom

Sunday, June 19

8 a.m. – 8:50 a.m.

**Hearing Loop Breakfast with
Keynote Speaker David Myers, Ph.D.**
Washington AB

9 a.m.

Workshops Begin
Regency EF and Conference Theater

11 a.m. – 5:30 p.m.

Hearing Loop Conference Exhibits Open
Regency Foyer

Noon

Hearing Loop Conference Lunch
Washington AB

6:15 p.m.

**Board Chariots for Hire Bus for
Spirit of Washington Dinner Cruise**
Main entrance

Monday, June 20

8 a.m. – 8:50 a.m.

Hearing Loop Breakfast
Washington AB

8:45 a.m. – 11:30 a.m.

Hearing Loop Conference Exhibits Open
Regency Foyer

9 a.m. – 11 a.m.

Hearing Loop Workshops
Regency EF and Conference Theater

11 a.m. – Noon

Closing Session
Regency EF

Sunday Evening—Spirit of Washington

Board a **Chariots for Hire** bus at 6:15 p.m. at the entrance of the Hyatt Regency Crystal City and get ready for a night to remember. Breathtaking views of our nation's capital and a delicious buffet dinner will make for a splendid evening. Buses will return you to the Hyatt Regency immediately following the cruise, at approximately 10 p.m. Don't forget to bring your camera!





Sunday, June 19

8:10 a.m. – 8:50 a.m.

Getting into the Hearing Loop

Washington AB

Presenter: David Myers, Ph.D.

What makes hearing loops so compelling? What are the reasons why assistive listening systems that are directly hearing aid compatible (DHAC) are so important to many people? Psychologist David Myers will describe his stunning first experience with a hearing loop in Scotland and with hearing loops across the United Kingdom, which led him to found the “Let’s Loop America” initiative. Dr. Myers will share his thoughts on the user perspective and why and how so many people have joined him in advocating for hearing loops in the U.S. and around the world.

9 a.m. – 9:50 a.m.

Providing Effective Communication Access

Regency EF

Presenter: Matthew Bakke, Ph.D.

Matthew Bakke, Ph.D., will present research findings about the communication needs of people with hearing loss. He’ll then provide practical recommendations for providing effective communication access to this population. In light of these recommendations, Dr. Bakke will review existing strategies for communication access in the public square and share thoughts about future actions needed, including in research and public policy.

10 a.m. – 10:50 a.m.

Understanding and Addressing Causes of Environmental Interference with Telecoils

Regency EF

Presenters: Doug Edworthy and Richard McKinley

Misconceptions about environmental magnetic interference, which may temporarily produce magnetic noise through activated telecoils in hearing aids and cochlear implant processors, have led many people to underestimate the usefulness of telecoils and consequently of hearing loops. Two experts from the United Kingdom and from the U.S. will explain magnetic interference (aka EMI in the U.S.) and what can be done to find, fix and/or manage its causes. Attendees will be provided with real life examples and learn how compliance with the international standard for loop systems addresses magnetic noise.

11 a.m. – 11:50 a.m.

Hearing Loops—The Basics

Conference Theater

Presenters: Ken Hollands and Andy Jankowski

How do hearing loops work? How do you assess where loops can be used? When can you install a simple perimeter loop successfully? This presentation will answer these questions and compare the merits and shortcomings of voltage versus current loop amplifiers. The presenters will describe six basic loop configurations and when to use them. Finally, they will demonstrate how to install a perimeter loop for a meeting and how to connect a loop to a TV.

11 a.m. – 11:50 a.m.

Telecoil Panel

Regency EF

Moderator: Juliëtte Sterkens, Au.D.

Presenters: Linda Kozma-Spytek, Conny Andersson, Daniel Tibbs, Jason Galster, Douglas Beck, Brian Taylor

In order to hear as well as possible through hearing loops, consumers with hearing loss need telecoils programmed for their hearing loss and compliant with international standards for telecoils for use with loop systems. Increase your knowledge about how to get the most out of telecoils by listening to experts, including hearing aid manufacturers, share information and developments about telecoils.

12 p.m. – 1 p.m.

Lunch—PowerPoint Presentations

(No CEUs)

Washington AB

Hearing loop aficionados around the world have contributed pictures of noteworthy places with loop installations for a PowerPoint slideshow which will be shown at this lunch and made available at no cost to all attendees. Conny Andersson will show a free PowerPoint presentation with sound files that will demonstrate some of the requirements of the international standard for loop systems. Attendees will be able to choose between networking with other people or relaxing and watching the slideshow.

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Sunday, June 19

1 p.m. – 1:50 p.m.

Providing Great Sound for People Who are Hard of Hearing: Optimizing the Audio for Assistive Listening Technology and Loudspeakers

Regency EF

Presenter: Mike Langner

People with hearing loss need especially clear audio for effective communication access. To make the most of assistive listening technology such as hearing loops, all audio inputs, including microphones, need to be properly selected and utilized to avoid “garbage in, garbage out” (GIGO). See and hear the results of proper and improper microphone applications, techniques and practices, and learn other tips about obtaining the sound quality required for effective communication access.

2 p.m. – 3:30 p.m.

Dispensing Professionals Panel

Conference Theater

Moderator: Patricia B. Kricos, Ph.D., Au.D.

Panel: Juliette Sterkens, Emma McAuley

Audiologists and other dispensers of hearing aids can play a critical role in helping their customers to “get into the hearing loop,” including optimizing their telecoils for use with hearing loops, providing written information and resources, and demonstrating hearing loops in their own offices. Dispensing professionals already involved “in the hearing loop” will share their own experiences and recommendations for other dispensing professionals, consumers and hearing aid manufacturers.

2 p.m. – 3:50 p.m.

Beyond the Basics: Complex and Creative Loops and Other Issues

Regency EF

Moderator: Joseph Duarte

Speakers: Doug Edworthy, Todd Billin, Richard McKinley, Paul Ingebrigtsen

Imagine attending a noisy basketball game, knowing you will hear announcements clearly. Discover creative solutions to installing loop systems in the London Underground and in other challenging situations. Learn how to integrate loop technology with an IR or FM system. All are possible, already done or in the works. This trip through the possible will allow you to think beyond the norm and help you ask, “Why not?”

4 p.m. – 4:30 p.m.

Questions and Answers (Advanced Issues)

(No CEUs)

Regency EF

Speakers: Matthew Bakke, Ph.D, Mike Langner, Doug Edworthy, Richard McKinley, Todd Billin, Paul Ingebrigtsen

This Q&A session will provide an opportunity to receive answers from technical experts for questions about loop systems, including unanswered questions about issues covered earlier in the day.

4 p.m. – 5:30 p.m.

A Systematic Approach to Evaluating and/or Validating Loop Systems

Conference Theater

Pre-registration is required.

Trainers: Conny Andersson, Ken Hollands

Have you experienced problems with a loop system without knowing what to do about it? Do you want to help improve or validate the quality of loop installations in your community? This training (which requires pre-registration to ensure admission) will teach representatives of consumer organizations how to evaluate the installation of a hearing loop in a systematic way in order to provide useful feedback to the public facility about how the loop is performing and/or validate that it is working well. Because attendance is limited to 20 people per workshop, a selective pre-registration process will be used. The same workshop will be provided twice. The first is scheduled for Sunday at 4 p.m. and the second for Monday at 9:35 a.m.

6:15 Buses leave at Hyatt Regency Main Entrance

Sunday Evening—Spirit of Washington

Board a Chariots for Hire bus at 6:15 p.m. at the entrance of the Hyatt Regency Crystal City and get ready for a night to remember. Breathtaking views of our nation’s capital and a delicious buffet dinner will make for a splendid evening. Buses will return you to the Hyatt Regency immediately following the cruise, at approximately 10 p.m. Don’t forget to bring your camera!



Monday, June 20

8 a.m. – 8:50 a.m.

**Hearing Loop Breakfast Presentation—
The Technology Landscape for Loop Systems:
Current and Future**

Washington AB

Speakers: Jason Galster and Dana Mulvany, MSW

Other hearing assistive technology needed for effective communication access can have an impact on loop systems, and vice versa. We also need to understand whether future technology for hearing aids might be able to replace the numerous advantages of the telecoil for use in public facilities. Learn about current and future technology relevant to telecoils and loop systems.

9 a.m. – 9:30 a.m.

Industry Panel (Loop Manufacturers)

Conference Theater

Moderator: Michael Langner

Speakers: Johan Hokanson, Julian Pieters, Jeff Franzen

Representatives of loop manufacturers will discuss their latest products, services, and recent or upcoming technological developments so that attendees may learn if there are differences in approaches, actual technology, philosophy of installing, etc.

9 a.m. – 9:50 a.m.

**Consumer Advocacy Around the World:
Status of Hearing Loop Installations
in Different Countries**

Regency EF

Moderator: David Myers, Ph.D.

Panelists: Knut Ellingsen, Emma McAuley, John Woodgate, Siegfried Karg, Brenda Battat

Organizations of consumers with hearing loss play a critical role in advocating for the needs of consumers and for effective, user-friendly assistive listening technology such as hearing loops. Consumer advocates from different countries will share updates from these organizations about hearing loops in their country.

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Mention #Loop2011 in any tweets you create regarding the Hearing Loop Conference.

9:35 a.m. – 10:55 a.m.

**A Systematic Approach to Evaluating
and/or Validating Loop Systems**

Conference Theater

Pre-registration is required.

Trainers: Conny Andersson, Ken Hollands

Have you experienced problems with a loop system without knowing what to do about it? Do you want to help improve or validate the quality of loop installations in your community? This training (which requires pre-registration to ensure admission) will teach representatives of consumer organizations how to evaluate the installation of a hearing loop in a systematic way in order to provide useful feedback to the public facility about how the loop is performing and/or validate that it is working well. Because attendance is limited to 20 people per workshop, a selective pre-registration process will be used.

10 a.m. – 10:50 a.m.

Strategies for Success: Leveraging Change

Regency EF

Moderator: Lise Hamlin

Panelists: Emma McAuley, John Woodgate, Doug Edworthy

Let's think strategically! At a national or regional level, what organizational efforts have been useful for improving the status quo of hearing loops? What were the turning points in countries where loops are now widespread? What are the specific challenges that needed or need to be addressed? Learn about programmatic, legislative, regulatory, policy or other significant efforts that have appeared particularly beneficial for improving the status quo of hearing loops at national, regional or local levels. If time permits, audience members from different countries will be encouraged to share information about important strategies used in their own countries.

11 a.m. – 12 p.m.

Closing Session: Recommendations for Future Action

Regency EF

Moderator: Dana Mulvany, MSW

Panelists: Conny Andersson, Ruth Warick, Patricia Kricos, Brenda Battat, Steven Murphy, David Myers, Ph.D.

Where shall we go from here? What could be done on an international or organizational level to improve the status quo of telecoils, hearing loops and directly hearing aid compatible (DHAC) communication access in public facilities? Key leaders will share their thoughts about recommendations for future action in all three areas. Attendees will be encouraged to share their suggestions as well.

Conny Andersson

Conny is the owner of Univox/Bo Edin in Sweden and in charge of engineering and product development. He has contributed to standards for hearing instruments and hearing loop systems and is currently the convener of the IED MT-20 committee (IEC 60118-4). He has over 30 years of electronic design experience related to hearing instruments, measuring equipment for hearing instruments, and assistive devices such as loop systems.

Matthew Bakke, Ph.D.

Matt is the director of the Rehabilitation Engineering Research Center (RERC) on Hearing Enhancement, a multi-center program of research and development in the area of technology and rehabilitation for people with hearing loss. Professor and Chair of the Department of Hearing, Speech and Language Sciences at Gallaudet University, Dr. Bakke received his Ph.D. degree in Speech and Hearing Sciences from City University of New York in 1999. Under his direction, the RERC produced the 1999 report, “Large Area Assistive Listening Systems (ALS): Review and Recommendations” for the U.S. Access Board.

Brenda Battat

Brenda is the executive director of the Hearing Loss Association of America (HLAA). She has worked at HLAA for more than twenty years in a variety of positions including acting executive director, deputy executive director, and director of public policy and state development. For her work in advocacy she received the Robert H. Weitbrecht Telecommunications Access Award 2007, Oticon Focus on People Advocacy Award 2005, and Self Help for Hard of Hearing People National Access Award 2002. She believes in collaborating to get things done and invited the American Academy of Audiology to join forces with the Hearing Loss Association of America on the “Get in the Hearing Loop” campaign to educate consumers and professionals about the benefits of telecoils and hearing loops.

Doug Beck, Au.D.

Doug is the director of professional relations for Oticon Inc. and the Web Content Editor for the American Academy of Audiology (<http://www.audiology.org>). He advocates incorporating access to all sound sources via modern hearing aid dispensing protocols and technologies to maximize human communication and connectivity while increasing access to all sound sources. Dr. Beck has authored hundreds of audiology, amplification and related science articles and he often writes and lectures on the importance of maximizing the bottom-up (sensory) auditory signal so as to facilitate maximal cognitive processing.

Todd Billin

Todd is the president of Hearing Loop Systems. He holds a Master/Contractor electrical license and certifications in board-room design, loudspeaker design, and other related areas. His project profile includes more than 600 churches, stadiums, airports, auditoriums, educational facilities, convention, banquet, and meeting centers.

Joseph Duarte

Joe holds a degree in Biomedical Electronics Engineering from the University of Rhode Island. He has a profound hearing loss and is a bilateral cochlear implant recipient. Joe is the president of Duartek, Inc., a company which provides custom engineered audio and sound systems to help facilities and residences become more accessible to individuals who are deaf or hard of hearing. He began installing loops in 1991 and has looped such places as the meeting room of the U.S. Access Board.

Doug Edworthy

Doug is the principal consultant at Edworthy Audio Engineering Consultants—an independent UK-based audio engineering consultancy. He has been an audio-electronics engineer since 1975 and active in consultancy and design of AFILS and in training for manufacturers, designers, installers, maintainers and owners of AFILS since 1981. Since 2007 he has designed and presented AFILS training courses on behalf of the Institute of Sound & Communications Engineers. Mr. Edworthy serves on eight UK and international audio engineering standards committees including AFILS-related BS 7594, IEC 60118-4, IEC 62489-1 and IEC 62489-2.

Knut Ellingsen

Knut, who has a hearing loss, has been the president of HLF, the Norwegian Association of the Hard of Hearing, since 2006. He is also the vice president of EFHOH (European Federation of Hard of Hearing People). In 1986 he started to work as Secretary General for HLF (the Norwegian Association of the Hard of Hearing) and one of the main priorities for the organization was to get all its local branches to require hearing loops in all public offices and meeting rooms.

Jeff Franzen

Jeff has been the production manager for Oval Window Audio for more than 20 years. Previously Jeff managed a third generation, family-owned audio manufacturing company in Illinois, which allied with Oval Window Audio in 1990 to design and produce a line of loop products. He is knowledgeable in all aspects of Oval Window Audio's product design and manufacturing.

Jason Galster, Ph.D.,

Jason is manager of clinical and comparative research with Starkey Laboratories. He investigates the clinical outcomes of modern hearing aid features. Dr. Galster has held a clinical position as a pediatric audiologist and worked as a research audiologist on topics that include digital signal processing, physical room acoustics, and amplification for pediatric populations.

Lise Hamlin

Lise is the Director of Public Policy at the Hearing Loss Association of America (HLAA). Lise joined the staff of HLAA in April 2008 after being a long-time advocate and HLAA board member. She currently represents HLAA on advisory committees for federal agencies and on coalitions supporting greater communication access for people with hearing loss.

Johan Hokanson

Johan is the sales manager for Univox.

Ken Hollands

Ken is the Commercial Director at Ampetronic (U.K.). He has a bachelor's in Electrical and Electronic Engineering from Middlesex University, London. He has presented papers on hearing loops at national and international conferences as well as technical seminars on the subject for industry and volunteer organizations.

Paul Ingebrigtsen

Paul is the president and CEO of Williams Sound. He has been actively involved in the design, manufacture, and sale of assistive listening systems for over 30 years at Williams Sound.

Andy Jankowski

Andy is the business manager at Assistive Audio, the U.S. distributor for Ampetronic. He has worked at Assistive Audio for five years. (Andy joined the company after he saw his two deaf grandchildren use their bilateral cochlear implants to hear through a newly installed audio loop system; he was overwhelmed by the pleasure the children derived from listening to TV, DVDs and music for the first time.)

Siegfried Karg

Siegfried became involved in hearing loop systems in churches in 1987. He holds or has held the following titles: President of Pro Audito Winterthur (since 2003), Vice president European Federation of Hard of Hearing People (2002-2010), board member Pro Audito Switzerland, member Swiss Acoustical Society, Convener and Presenter at the 1st International Hearing Loops Conference in Winterthur/Switzerland (2009), member of Hearing Loop task force of Pro Audito Switzerland. Siegfried is the pastor of the Evangelical Reformed Church of Switzerland.

Linda Kozma-Spytek, CCC-A

Linda, who has a master's in communication sciences, has been a research audiologist in the Technology Access Program of Gallaudet University since 1998. She is the principle investigator on projects within the Rehabilitation Engineering Research Center (RERC) on Telecommunications Access related to hearing aid compatibility for telephones. She also consults with the RERC on Hearing Enhancement on their projects related to hearing aid compatibility. She actively participates in policy and standards development for hearing aid compatibility in digital wireless and cordless phones, and has published and presented extensively to consumer and professional groups alike on these and related topics. In 2005, she was recognized for her work in this area with an award from the Hearing Loss Association of America.

Patricia Kricos, Ph.D.

Pat, Professor of Audiology, University of Florida, received her Ph.D. degree from the Ohio State University (1973). Dr. Kricos is currently president of the American Academy of Audiology. She also serves on the Advisory Council of the Better Hearing Institute and the Ida Institute, and as a Professional Advisor for the Hearing Loss Association of Florida Board of Trustees. Dr. Kricos has been an advocate of hearing loops and telecoils for a number of years and she serves as the co-chair, along with Brenda Battat, for the Let's Get in the Hearing Loop Task Force.

Mike Langner

Mike has been a broadcaster and broadcast engineer his entire adult life. He has used his knowledge of microphone techniques and audio processing to broadcast clearly everything from a single voice speaking at a news conference to fully-staged grand opera with all its many voices and instruments. A member of the hard of hearing community with "cookie-bite" hearing loss, he donates, installs and/or "fine-tunes" loop installations in his community.

Emma McAuley

Emma is both a hard of hearing consumer advocate and an audiologist. She served on the council of the Irish Hard of Hearing Association and has worked at DeafHear (formerly known as National Association for Deaf People) since 1997. She has long advocated for the installation of loop systems and for the importance of fitting telecoils, and participated in the looping of the LUAS tram in Dublin, Ireland.

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Richard McKinley

Richard is the managing director and chief engineer of Contacta (U.S.), using his 30 years of experience in audio and engineering background to design loop installations in challenging situations. Among some of his achievements are loop installations in buses, touch screen displays, museums, drive-thru locations, airports and large venues including performance halls and sports arenas. Heregularly conducts trainings in the United States to teach audio professionals how to sell, design and install loop systems in compliance with international standards.

Dana Mulvany, M.S.W.

A consumer advocate with lifelong bilateral hearing loss, Dana is the former director of the National Center for Hearing Assistive Technology at HLAA. She works as a consultant specializing in hearing loss to optimize the fit between people with hearing loss, technology, and their environment. Dana has enjoyed the use of audio loop systems since the 1980s and had her 2002 Prius modified with an amplified turn signal, audio output feed, powered loop system, multiple close-talking microphones and video camera, thereby subjecting the car to the nickname, “the HATmobile.”

Steven Murphy

Steven joined Sertoma as executive director in April 2001. Steven holds an M.P.A. in Organizational Behavior and Non-Profit Management from the Bloch School of Business and Public Administration, from the University of Missouri-Kansas City. Steven began the (<http://www.sertoma.org/Page.aspx?pid=426>) Sound Investment campaign in the spring of 2010 to encourage Sertoma Clubs to participate in looping their communities.

David Myers, Ph.D.

Hope College social psychologist David Myers is the author of seventeen books, which include psychology text books and *A Quiet World: Living with Hearing Loss*. He is the creator of hearingloop.org and, since 2002, the author of 30 articles that advocate assistive listening that is directly hearing aid compatible.

Julian Pieters

Julian is managing director at Ampetronic, a global provider of induction loop solutions based in the UK. Julian’s involvement in loops dates back over 20 years, to when he developed the original simulation software that has been a foundation for Ampetronic’s design work. Trained as an Engineer at the University of Cambridge, Julian has spent much of his career developing high technology products and services for health care. Julian succeeds his father Leon in this family business, a true pioneer of modern loop technologies and a vocal leader in the promotion and adoption of loop systems around the world.

Juliëtte Sterkens, Au.D.

Juliëtte is an audiologist in private practice and co-owns Fox Valley Hearing Loop LLC with her husband/loop-engineer LeRoy “Max” Maxfield. She serves on the Getin the Hearing Loop Task Force. Her involvement has led to more than 90+ hearing loops in her community and other areas of Wisconsin, a number she expects will double in 2011.

Brian Taylor, Au.D.

Brian is the director of Practice Development & Clinical Affairs at Unitron. A clinical audiologist with 20 years of experience fitting hearing aids, he co-authored the forthcoming book, *Selecting and Fitting Hearing Aids*, by Plural Publishing. For the past few years, he has worked with organizations that install loops for Unitron customers.

Daniel J. Tibbs, Au.D.

Daniel is the education coordinator at Widex USA where he coordinates the Widex University Program, an outreach program for universities. Prior to joining Widex, he worked as a clinical audiologist in Southern California and Ohio as well as in the cochlear implant industry. He is currently based out of the Office of Research in Clinical Amplification (ORCA-USA) in Lisle, Illinois.

Ruth Warick, Ph.D.

Ruth is president of the International Federation of Hard of Hearing People and treasurer of the International Disability Alliance. She was born hard of hearing; her passion is education and among her publications is *Hearing the Learning, A Postsecondary Handbook for Students who are Hard of Hearing*. She completed her doctoral degree at UBC in 2003; her dissertation was titled *Voices Unheard: The Academic and Social Experiences of University Students Who are Hard of Hearing*.

John Woodgate

John, who has a hearing loss, has had an interest in loop systems since the 1960s. He became an independent electronics consultant in 1984 after 25 years employment in the electronics industry. Since 1986 he has conducted private research into the refinement of the measurement and specification of loop systems. He chairs the British Standards committee responsible for BS 7594 Code of Practice for audio-frequency induction-loop systems and the International Electrotechnical Commission committee responsible for the International Standards IEC 62489-1 and IEC 62489-2. He is also a member of the IEC committee responsible for IEC 60118-4, and several other British and international standards committees. He is a vice-chair of the Audio Engineering Society Standards Committee.

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Ampetronic is the world leading provider of Audio Induction Loop Systems for people with hearing loss. We provide a complete product and service package to meet the requirements of any assistive listening application, no matter what the environment. We have 20 years of experience as an innovator and market leader, both through our outstanding and versatile product range, and directly through our comprehensive support services. Our products are designed and built to the highest standards to give you complete peace of mind and the lowest cost of ownership. All systems come with a 5 year warranty as standard and a comprehensive and free support service.

When hearing aid users experience the quality and performance of an Ampetronic system, the difference can change their lives. Our comprehensive support service will ensure that you get the best possible induction loop system for your facility.

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If you just can't hear on the phone, Hamilton CapTel allows you "see what they say" by viewing captions of what's said on telephone calls. Stop by to see our family of solutions, including the CapTel 800i, Hamilton Web CapTel, and Hamilton Mobile CapTel Apps for iPhone, BlackBerry and Android.

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Harris Communications

15155 Technology Drive
Eden Prairie, MN 55344
800-825-6758
www.harriscomm.com

Harris Communications is a national one-stop shopping source for hard of hearing individuals. Products include: amplified phones, cell phone accessories, assistive listening devices, TV amplifiers, loud alarm clocks and signalers as well as books about coping with hearing loss.

Hearing Loop Systems

11952 James St
Holland, MI 49424
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Hearing Loop Systems was established in 2008 by a contracting company with over 30 years of experience in the installation of audio/video systems for churches, schools, airports, convention centers, meeting rooms, sports facilities, and other commercial establishments. As the nation's leading provider of loop systems, our dedication to quality is unmatched. With the popularity and awareness of loops on the rise, we are developing a network of certified installation companies across the United States. Our American built products exceed industry standards. We are working together with audiologists, architects, consulting firms, and non-profit organizations across the country to promote and develop looped communities. Hearing Loop Systems has a passion to promote, provide, and teach people about loop systems.

Univox

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SE-181 75 Lidingö, Sweden
+46 8 767 18 18
www.univox.eu

Univox by edin, the world's leading producer of high quality hearing loop systems, created the first true constant current loop amplifier in 1969. Our mission is to serve the hard of hearing community with strong focus on Research and Development for new technical solutions. With Research and Development Director Conny Andersson as convener of the work group TC-29/MT-20, Bo EDIN AB (Univox) has been deeply involved in the working process to create a new enhanced induction loop standard IEC 60118-4. A new standard, IEC 60118-4:2006, is now realized and was unanimously approved September 1, 2006 by the IEC members from all parts of the world.

VA Systems

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VA Systems is a supplier of Professional Induction Loop Amplifiers, manufactured in the UK by Current Thinking Ltd, and distributed in the U.S. by Complete Hearing Solutions in Florida (727-260-3488). In the UK we have been installing loops for 25 years and have vast experience in the design and installation of all types of systems.

The Current Thinking range of audio frequency induction loop amplifiers represents some of the latest advances in induction loop technology. The range covers all sizes of installation from small fixed units for counters in banks and reception desks, to the largest auditorium using multiple amplifiers and phase shift controllers.

Exhibitor descriptions and contact information are provided by the companies. Mention of goods or services in these descriptions does not mean Hearing Loss Association of America endorsement. While every effort is made to ensure the accuracy of data within this publication, Hearing Loss Association of America cannot be held responsible for errors or omissions.