

## **Dr. Karen MacLennan**



Doctor of Audiology/Teacher of the Speech & Hearing Handicapped

Dr. Karen MacLennan has been an Audiologist for 20 years. She has provided audiological and educational audiology services in hospitals, private practices, and nonprofit educational/rehabilitation agencies. She teaches graduate and undergraduate courses in audiology and audiologic rehabilitation at Long Island University in New York. Her company, North East Hearing, has been installing hearing loops throughout the United States since 2011. Dr. MacLennan provides educational seminars to hearing healthcare professionals, students and consumers as part of the Hearing Loss Association of America's outreach to educate individuals about hearing, hearing loss and hearing assistance technology (HAT) and is attending this conference as a representative of the Hearing Loss Association of America (HLAA).

### **Telecoil (T Coil) Features and Functions for Use with Hearing Assistance Technology (HAT)**

T Coils are placed within hearing devices on a horizontal, diagonal or vertical orientation. There are benefits and limitations with these three T Coil orientations when using HAT (hearing loops, FM/RF or IR system receivers). Consumers, who live with hearing loss, should be knowledgeable about T Coil orientation within hearing devices in order to use HAT successfully. T Coil programming can also affect how T Coils function when used with HAT. During this presentation, attendees will learn about T Coil orientation and how to use T Coils successfully within a hearing loop or with FM/RF and IR receivers. T Coil programming and advancements in T Coil features will also be reviewed. Informed decisions when requesting a T Coil in a hearing device and its features and functions can lead to a more enjoyable listening experience when using HAT.