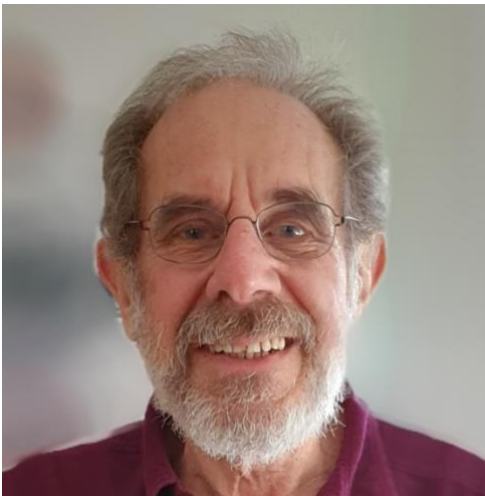


# Life Achievement Award

## Brian C. J. Moore, Ph.D.



Brian Moore earned a BA degree in Natural Sciences at the University of Cambridge, UK, in 1968, after which he converted from being an aspiring physicist to an aspiring psychoacoustician. He completed his Ph.D. at Cambridge in 1971, on the topic of pitch perception. He then started as a lecturer (similar to an Assistant Professor in the USA) at the University of Reading, despite his Ph.D. not yet being approved and having zero publications! They must have thought that he showed some promise. After five years at Reading (with a year in the middle spent as a Visiting Professor at Brooklyn College, City University of New York, working with David Raab), he was recruited back to Cambridge as a faculty member (without interview or job talk!), where he was promoted

to Professor of Auditory Perception in 1995. He officially received Emeritus status in 2014, but has continued to be research active, and has published over 140 refereed journal articles since his official retirement (giving a total of over 600).

Brian Moore initially focused on fundamental research in areas such as frequency selectivity and masking, pitch perception, loudness, and temporal resolution, but he gradually became more interested in the effects of hearing loss on these perceptual abilities. His first work on hearing aids came out of a collaboration with a retired electrical engineer, called Roger Laurence, who had been designing and building hearing aids in his garden shed. Brian Moore (and the other Brian, more of whom later) together with Roger published a trial of one of the world's first multi-channel compression hearing aids in 1983. Later (in 1992), Brian Moore collaborated with researchers in ReSound, who developed the first multi-channel compression hearing aid that was a commercial success. Since then, Brian Moore has published many studies on both the design and fitting of hearing aids, especially in connection with multi-channel compression. His fundamental work on loudness models for normal and impaired hearing led to the development of a fitting method for hearing aids, while the loudness model for normal hearing forms the basis for an ISO standard. Brian Moore has also conducted extensive research on dead regions in the cochlea and their clinical implications, and the "TEN test" for diagnosing dead regions has been implemented in the audiometers of most major manufacturers.

Brian Moore has been lucky to have recruited some very fine colleagues to work with him. The longest serving was Brian Glasberg (always called BG) who Brian Moore liked to describe as having “a brain the size of a planet”. Other long-serving colleagues include Tom Baer, Michael Stone, and Debi Vickers. Together with many others, they made “the lab” a friendly and collaborative place to work, always supportive of students, post-docs, and visiting researchers. Brian Moore has also been lucky to have had many marvelous Ph.D. students, several of whom have gone on to become leading hearing researchers and teachers. Brian Moore is especially proud of his legacy of current and future leaders.

In addition to his research articles, Brian Moore has written or edited 20 books. His textbook “An Introduction to the Psychology of Hearing,” published in 1977 and now in its sixth edition (2012), has introduced many students to the world of auditory perception and it remains an important reference for researchers throughout their careers. His book “Cochlear Hearing Loss” (second edition 2007) has served as a useful resource for audiology students around the world.

Brian Moore has received many honors and awards, including the Littler Prize and the Littler Lecture of the British Society of Audiology, the Silver and Gold medals of the Acoustical Society of America, the first International Award in Hearing from the American Academy of Audiology, the Award of Merit from the Association for Research in Otolaryngology, the Hugh Knowles Prize for Distinguished Achievement from Northwestern University, and an honorary doctorate from Adam Mickiewicz University, Poland. He is a Fellow of the Royal Society of London (along with Newton, Helmholtz, and Darwin), the Academy of Medical Sciences, the Acoustical Society of America, the Audio Engineering Society, the British Society of Audiology, and the Association for Psychological Science, and an Honorary Fellow of the Belgian Society of Audiology and the British Society of Hearing Aid Audiologists. He is the author or co-author of the most highly cited papers in four journals: Auditory Neuroscience, Hearing Research, the Journal of the Audio Engineering Society, and Acta Acustica United with Acustica. He has published more papers in the Journal of the Acoustical Society of America than any other person.

Brian Moore lives in Cambridge, UK, with his wife, Dr. Hedwig Gockel, also a psychoacoustician. He still sometimes seeks her help in matters mathematical, logical, and statistical. He is wine steward of Wolfson College, Cambridge, which involves buying wine for the College and selecting the wines to be used at “Formal Halls”. In his spare time he likes playing the guitar and fixing things.