



## 2022 Awards and Prize Recipients



Michael J. Buckingham is the recipient of the 2022 Gold Medal of the Acoustical Society of America (ASA). His citation reads: “for theoretical and experimental contributions to ocean acoustics and for service to the Society.” The Gold Medal is presented annually to a member of the ASA, without age limitation, for contributions to acoustics.

Michael Buckingham is Distinguished Professor (Ocean Acoustics), Scripps Institution of Oceanography, University of California, San Diego CA. Before joining Scripps, he served as Individual Merit Senior Principal Scientific Officer, Royal Aerospace Establishment, Farnborough, Hampshire GU14 6TD, U.K. Dr. Buckingham received a PhD in Physics from the University of Reading, UK. He is author of more than 120 scientific publications and his current major research interest are underwater acoustics and acoustical oceanography.

Dr. Buckingham is a Fellow of the ASA, the Institute of Acoustics (U.K.), and the Institution of Engineering and Technology (U.K.). He was awarded the A. B. Wood Medal of the Institute of Acoustics UK (1982) and the Pioneers of Underwater Acoustics Medal by the ASA (2017). He served as a Member of the ASA Executive Council (2010-13), ASA Vice President (2016-19), and Member of the ASA Technical Council (1992-95). He is Founding member of the Technical Committee on Acoustical Oceanography and served as its inaugural chair (1992-95) and served as Technical Committee Chair of the ASA meetings in San Diego in 1997 and 2004 and as General Chair in 2011.



George Augspurger is recipient of the Helmholtz-Rayleigh Interdisciplinary Silver Medal in Architectural Acoustics and Engineering Acoustics of the Acoustical Society of America “for contributions to design of recording studios, performance venues, and loudspeakers, and for decades of patent reviews.” The Helmholtz-Rayleigh Interdisciplinary Silver Medal is presented to individuals for contributions to the advancement of science, engineering, or human welfare through the application of acoustic principles, or through research accomplishment in acoustics.

George Augspurger is President of Perception Inc. Consultants in Acoustics. He served previously as Manager of the Professional Products Division, then Technical Director, of James B. Lansing Sound, Inc. Mr. Augspurger received an M.A. from the University of California, Los Angeles.

He is a Fellow of the ASA and the Audio Engineering Society. In 2020 he was the recipient of a Technical Grammy Award from the Recording Academy with the citation “pioneering audio engineer and designer George Augspurger—for contributions to the film and recording industries. Mr. Augspurger has designed recording studios, mix rooms, mastering rooms, and dubbing theaters for scores of clients including MGM Studios, Paramount Pictures, RCA Records, and Walt Disney Imagineering. He has served as a Patent Reviewer of the *Journal of the Acoustical Society of America* since 1981 authoring about 4800 reviews covering loudspeakers, microphones, digital signal processing for surround sound and 3D sound, noise control, and other topics.



Meaghan O'Reilly is the recipient of the 2022 R. Bruce Lindsay Award of the Acoustical Society of America (ASA). Her citation reads “for contributions to biomedical ultrasound applications in the central nervous system.” The R. Bruce Lindsay Award is presented in the spring to a member of the Society who has been active in the affairs of the Society and has contributed substantially, through published papers, to the advancement of theoretical or applied acoustics, or both. Eligible members must be no more than 10 years post terminal degree at the time of award acceptance.

Meaghan O'Reilly is Senior Scientist, Sunnybrook Research Institute, Toronto, Canada and Associate Professor, Department of Medical Biophysics, University of Toronto. Dr. O'Reilly received an M.Sc. in Biomedical Engineering from the University of Oxford and a PhD in Applied Physics from the University of Eastern Finland.

She is a Member of the ASA, Secretary General of the International Society for Therapeutic Ultrasound, and Member, the American Institute of Ultrasound in Medicine, and the IEEE Ultrasonics, Ferroelectrics and Frequency Control Society. She serves as a member of the ASA Technical Committee on Biomedical Acoustics, the Committee on Women in Acoustics, and the Member Engagement Committee. She was awarded the IEEE Ultrasonics Early Career Investigator Award in 2020 by the IEEE Ultrasonics, Ferroelectrics and Frequency Control Society, The Frederic Lizzi Early Career Award in 2020 by the International Society for Therapeutic Ultrasound, and is the Canada Research Chair in Biomedical Ultrasound, Tier 2 of the Government of Canada. Her current research interests include the investigation of cavitation-mediated therapies in the central nervous system.



Dr. Philip X. Joris is the recipient of the William and Christine Hartmann Prize in Auditory Neuroscience. The Prize recognizes and honors research that links auditory physiology with auditory perception or behavior in humans or other animals.

Philip Joris joined KU Leuven in 1995 where he is currently Professor in the Department of Neuroscience. His previous positions included Research Associate and Assistant Scientist at the University of Wisconsin (1987-1995). Dr. Joris received M.D. and Ph.D. degrees from the University of Antwerp, Belgium.

He is a Fellow of the Acoustical Society of America and recipient of a NATO Research Fellowship (1984) and NIH Fogarty Fellowship (1985). He has served on several Association for Research in Otolaryngology committees and is an Associate Editor of the *Journal of the Acoustical Society of America*.

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The Acoustical Society of America is the premier international scientific society in acoustics devoted to the science and technology of acoustics. Its 6500 members worldwide represent a broad spectrum of the study of acoustics. ASA publications include the *Journal of the Acoustical Society of America*, the world's leading journal on acoustics, *Acoustics Today* magazine, books, and standards on acoustics. The Society also holds two major scientific meetings each year. For more information visit our webpage at [www.AcousticalSociety.org](http://www.AcousticalSociety.org).