



**Prof. Yun Jing**  
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### **Bio-sketch**

Yun Jing received his B.S. degree in acoustics from Nanjing University, China, in 2006 and an M.S. degree from Rensselaer Polytechnic Institute in 2007. He received his Ph.D. degree in architectural acoustics from Rensselaer Polytechnic Institute in 2009. Prior to joining the Graduate Program in Acoustics at Penn State University in 2020 as a tenured associate professor, he was a research fellow at Brigham and Women's Hospital during 2009-2011, and an assistant professor and associate professor at North Carolina State University during 2011-2019. Dr. Jing's research draws principles from wave physics, materials science, and advanced mathematics to develop the next generation diagnostic and therapeutic ultrasound technologies, acoustic functional materials, and computational methods for acoustics. His research aims to harness these innovations to tackle some grand scientific challenges in healthcare, energy, and the environment. He is broadly interested in acoustic functional materials, biomedical ultrasound, nonlinear acoustics, and noise control. He has published over 80 peer-reviewed scientific manuscripts. He is the reviewer for over 30 journals including Nature, Nature Materials, Nature Physics, PNAS, and Physical Review Letters. He is a fellow of the Acoustical Society of America, a senior member of IEEE, and an elected member of technical committee of IEEE Ultrasonics (TPC 3). He is an associate editor of the Journal of the Acoustical Society of America and Frontiers in Materials. He has received numerous awards such as the 2018 R. Bruce Lindsay Award from the Acoustical Society of America, the 2018 IEEE Ultrasonics Early Career Investigator award, 2018 MIT Technology Review Innovator under 35 China award, and the IEEE UFFC Star Ambassador Lectureship Award.