

Elaine Moran

Acoustical Society of America

Melville, New York 11747



James G. Miller

James G. Miller receives Achievement Award

James G. Miller has been named the recipient of the Achievement Award of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society “for his outstanding contributions to ultrasonic tissue characterization and echocardiography.” The award was presented during the IEEE’s International Ultrasonics Symposium, held October 3–6, 2006, in Vancouver, British Columbia.

The Achievement Award is the highest Society-wide award presented to a member of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society in special recognition of outstanding contributions. Selection criteria include significant technical publications in the field of ultrasonics, ferroelectrics, or frequency control, as well as contributions to these technical fields, and service to the Society. The award consists of an honorarium of \$2,000, a plaque and a certificate.

James G. Miller is the Albert Gordon Hill Professor of Physics and director of the Laboratory for Ultrasonics in the Department of Physics in Arts and Sciences. He also holds joint appointments as professor of medicine in the School of Medicine and professor of biomedical engineering in the School of Engineering and

Applied Science. Miller joined the Washington University faculty in 1970 as assistant professor of physics. Since the early 1970s, he has led a team of investigators who have focused on using ultrasound to determine the physics of normal and diseased hearts.

Professor Miller’s research focuses on the physics of anisotropic, inherently inhomogeneous media. These systematic studies of the anisotropic properties of the heart have led to fundamentally new insights. In 1998 the National Institutes of Health grant supporting this research was awarded MERIT status, which is designed to “provide long-term, stable support to investigators whose research competence and productivity are distinctly superior, and who are likely to continue to perform in an outstanding manner.” This research has provided the basis for significantly improved diagnostic images of the hearts of patients and has been incorporated into commercially available echocardiographic imagers in widespread use throughout the world. Current investigations include studies of heart and bone as well as the physics underlying nonlinear ultrasonic propagation and the consequences on generalized dispersion relations of requirements of causality.

Miller received a B.A. in physics from Saint Louis University and M.A. and Ph.D. degrees in physics from Washington University in St. Louis. He is the author of more than 165 manuscripts in critically reviewed journals; more than 95 chapters in books, review articles and conference proceedings; and more than 205 abstracts of talks presented at national and international meetings.

James Miller was named a Fellow of the American Institute of Ultrasound in Medicine in 1986, a Fellow of the Acoustical Society of America in 1990, a Fellow of the Institute for Electrical and Electronic

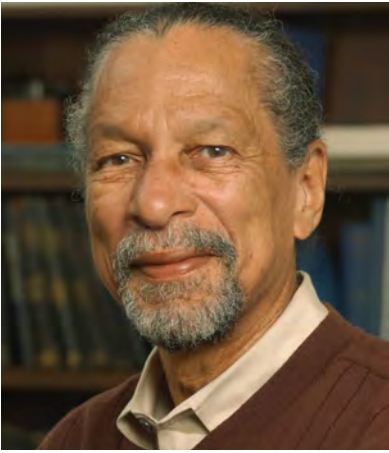
Engineers in 1998, and a Fellow of the American Institute of Medical and Biological Engineering in 2000.

In 2004, the Acoustical Society of America awarded Miller the Silver Medal in Biomedical Ultrasound/Bioresponse to Vibration “for contributions to ultrasonic tissue characterization and quantitative echocardiography.” Among other honors, Miller was the recipient of two Industrial Research and Development IR-100 awards and served as a Sigma Xi National Lecturer. Miller has been a mentor to 32 doctoral and post-doctoral students in ultrasonic physics, many of whom have gone on to prominent careers. He received the Emerson Excellence in Teaching Award from the Emerson Electric Co. in 2004. In addition, over the last three decades Miller has guided cardiology fellows from the Washington University School of Medicine through the physics underpinning echocardiography. Each spring, Miller teaches a widely acclaimed undergraduate course titled “Physics of the Heart,” for which he received the Council of Students of Arts and Sciences Teaching Award in 1990.

James E. West awarded honorary degree by Michigan State University

James E. West, a research professor of electrical and computer engineering at Johns Hopkins University, was awarded an Honorary Doctors Degree in Engineering from Michigan State University on December 9, 2006. He was cited for his invention, with Gerhard Sessler, of the electret microphone, for his creation of programs that encourage minorities and women to consider technology careers, and for the development of the Cooperative Research Fellowship Program for minority doctoral students at Bell Labs. More than 250 doctorates were awarded to underrepresented minorities through his program.

During his 40-year career, West has earned more than 200 U.S. and for-



James E. West

eign patents, and has written or contributed to more than 100 technical papers and several books on acoustics and the science of electrets.

West graduated from Temple University with a degree in physics. He is a fellow of many organizations, including the Acoustical Society of America, the Institute of Electrical and Electronics Engineers, and is a member of the National Academy of Engineering. He was inducted into the National Inventors Hall of Fame in 1999 for the invention of the electret microphone.

James West has served the Acoustical Society of America in many roles since becoming a member in 1962 including President, ASA Cochair of the First Pan American Meeting on Acoustics in 2002, and as member and chair of numerous ASA committees. He was awarded the ASA's Silver Medal in Engineering Acoustics in 1995 and its Gold Medal in 2006.

Lily Wang receives education award

Lily Wang, assistant professor of architectural engineering at the University of Nebraska—Lincoln (UNL), received the UNL Excellence in Graduate Education Award in 2006. Ellen Weissinger, executive associate dean for Graduate Studies, presented the award and said, "Dr. Wang's advising and mentoring efforts and abilities are best left to student letters but words like 'enthusiasm,' 'listens carefully to ideas,' 'shares my excitement,' 'encourages students to broaden their horizons,' 'intelligent,' 'talented,' and 'energetic' show up repeatedly. Obviously her students are



Lily Wang

very pleased with her abilities and the direction she is taking them."

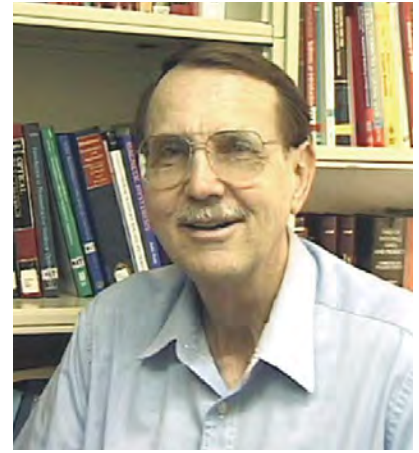
Lily Wang is a Fellow of the Acoustical Society of America (ASA) and currently serves as the Chair of the Technical Committee on Architectural Acoustics and Chair of the Tutorials Committee. She is a member of the Committee on Women in Acoustics, and the Robert Bradford Newman Award Advisory Committee. She was the 1998-99 F. V. Hunt Postdoctoral Research Fellow of the ASA and was awarded the R. Bruce Lindsay Award in 2005 "for contributions to room and musical acoustics."

Kenneth Telschow honored for patent inventions

Kenneth Telschow, consulting scientist at the Idaho National Laboratory, was one of 117 inventors recognized for receiving 61 patents at the 11th Annual Honors Banquet held by the U.S. Department of Energy's Idaho National Laboratory on 1 December 2006. He was one of 4 inventors honored for generating 10 patents and was cited "for work in characterization of materials using acoustic microscopy."

Dr. Telschow is a member of the Acoustical Society of America. He received his Ph.D. degree in physics from UCLA in 1973 and has worked at the Idaho National Laboratory from 1984 to the present.

Previously, he taught physics at Southern Illinois University at Carbondale as a tenured associate professor (1981-1984) and as an assistant professor (1976-1981). He also did postdoctoral research at the University



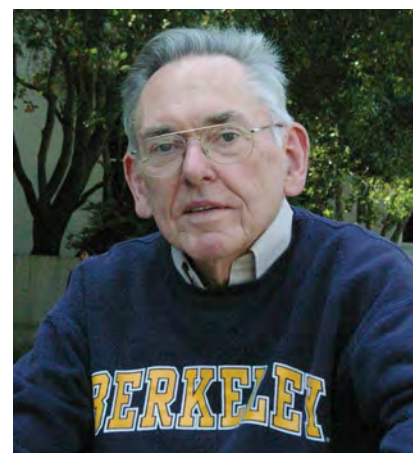
Kenneth Telschow

of Massachusetts—Amherst (1974-1976) and was adjunct professor in physics at UCLA (1973-1974).

Dr. Telschow's background and interests are in the fields of acoustic and ultrasonic properties of microstructures of the solid state, condensed matter and quantum liquids. Dr. Telschow's work has led to the publication of more than 100 articles in journals and conference proceedings.

John Ohala awarded Medal for Scientific Achievement

John Ohala, Professor Emeritus, Department of Linguistics, member of ASA since 1967, ASA Fellow 1995, was awarded the International Speech Communication Association (ISCA) Medal for Scientific Achievement at its annual meeting held this year in Pittsburgh, PA, 17-22 October. This medal, the 12th such awarded since 1988, recognizes cumulative scientific contributions to the field of speech



John Ohala

communication. His research is centered in experimental phonology and phonetics and ethological aspects of communication, including speech perception, sound change, phonetic and phonological universals, psychological aspects of phonology, and sound symbolism.

Professor Hiroya Fujisaki (University of Tokyo), who introduced Ohala at the opening plenary session of ISCA's annual meeting, "Interspeech 2006," noted that Ohala's "works integrate physical phonetics and psycholinguistics into phonology, and also integrates [a] more empirically-based phonology into applied domains such as man-machine communication. What makes [Ohala] an extraordinary scholar is the uniqueness of his ideas and approaches which go far beyond the conventional limits of linguistics and phonology."

Following the award presentation, Professor Ohala presented a lecture entitled "What a Study of Sound Can Tell Us About Human Speech Perception (and Suggest About Machine Recognition)."

Previous recipients of the ISCA Medal have included Gunnar Fant (1989), Jim Flanagan (1991), Adrian Fourcin (1991), Ken Stevens (1995), Mario Rossi (1997), Fred Jelinek (1999), Louis Pols (2001), Ilse Lehiste (2002), Jens Blauert (2003), Manfred Schroeder (2004), and Graeme Clark (2005).

Carolyn Richie awarded an ASHA Research Grant for New Investigators

Carolyn Richie, Assistant Professor in Communication Disorders program at Butler University in Indianapolis, IN, was awarded a Research Grant for New Investigators by the American Speech-Language-Hearing Association for "The Contribution of Visual Cues of Vowels and Consonants to Speech Recognition by Listeners with Hearing Loss."

Carolyn Richie obtained a B.A. in Linguistics and Psychology from the University of Western Ontario, M.Sc. in Speech and Language Processing from the University of Edinburgh, and



Carolyn Richie

Ph.D. in Speech and Hearing Sciences from Indiana University—Bloomington. Her research interests include audio-visual speech perception, and the development of computer-based training programs to facilitate speech recognition for adults with hearing loss. She has recently become a member of the Acoustical Society of America Women in Acoustics Committee.

Tomlinson Holman awarded the IEEE Masaru Ibuka Consumer Electronics Award

The IEEE has named Tomlinson Holman the recipient of its 2007 Masaru Ibuka Award, recognizing his significant contribution to the development of advanced audio and cinema multichannel playback systems, the current gold standard in television and cinema broadcasting. His work played an integral part in establishing the home theater product category in consumer electronics, enabling consumers to experience theater-like sound in the comfort of their own homes. Sponsored by the Masaru Ibuka Fund, the award recognizes outstanding contributions in the field of consumer electronics technology. It was presented at the IEEE's International Conference on Consumer Electronics at the Las Vegas Convention Center on 13 January 2007.

During his 15-year tenure as chief engineer of post-production and later corporate technical director for Lucasfilm Ltd., Holman developed the THX (Tomlinson Holman



Tomlinson Holman

eXperiment) Sound System in 1983 to ensure that the soundtrack for the third Star Wars film, Return of the Jedi, would be accurately reproduced in the best venues. He also developed the Home THX and the THX Digital Mastering program leading to several widely cited U.S. patents. THX is a baseline set of standards designed to dramatically improve an audience's cinema experience by eliminating background noise, enhancing image quality and projection, improving room acoustics and utilizing THX-approved equipment for optimal sound reproduction. To date, over 4,000 auditoriums have undergone the rigorous approval process necessary for certification by the Lucasfilm THX division. In 2001, Holman was awarded a Technical Achievement Award from the Academy of Motion Picture Arts and Sciences for his work on THX. The author of three books, 27 referred journal papers and over 140 magazine articles, he currently serves as president and co-founder of the entertainment technology company TMH Corp., where he oversees development and design of new products in addition to consulting and writing. Holman continues to develop systems and inventions with TMH Corporation for professional and home audio, including MicroTheater®, and with Audyssey Laboratories in auto-equalization systems. He holds seven U.S. and 23 foreign patents.

In addition to his continued contribution to his professional field, Holman is currently a professor at the



Feri Farassat

University of Southern California's School of Cinematic Arts and Viterbi School of Engineering in Los Angeles. A senior member of IEEE, he is a Fellow of the Audio Engineering Society, the British Kinematograph Sound and Television Society and the Society of Motion Picture and Television Engineers and a member of the Acoustical Society of America.

The IEEE (Institute of Electrical and Electronics Engineers, Inc.), the world's largest technical professional society, publishes 30 percent of the world's literature in the electrical and electronics engineering and computer science fields, and has developed more than 900 active industry standards.

Feri Farassat honored by the American Institute of Aeronautics and Astronautics (AIAA)

Feri Farassat, NASA Langley Research Center, was elected a Fellow of the AIAA in 2006. The distinction of "Fellow" is bestowed by AIAA and its board of directors to members who have made notable and valuable contributions to the arts, sciences, or technology thereof in aeronautics or astronautics. The AIAA advances the state of aerospace science, engineering, and technological leadership and serves over 35,000 members.

Francesco Lanza di Scalea receives award from the American Society for Nondestructive Testing (ASNT)

The University of California-San Diego, San Diego, California, Francesco Lanza di Scalea, professor,



Francesco Lanza di Salea

and Ivan Bartoli, student, "Built-in System for the Structural Health Monitoring of Adhesively-bonded Components in Aerospace Structures" has been named the recipient of the ASNT Fellowship in 2006. ASNT Fellowship is a cash award, currently up to \$15,000, granted to an educational institution accredited by ABET or its equivalent to fund specific research in Nondestructive Testing at the post-graduate level (MS or PhD).

Dr. Lanza di Scalea is Associate Professor in the Department of Structural Engineering, Jacobs School of Engineering, University of California, San Diego. He received an M.S. in Engineering Mechanics from Michigan State University and a Ph.D. in Mechanical Engineering, University of Palermo, Italy.

His awards include ASNT Faculty Grant Award (2003), ASNT Research Fellowship Award (2002), UCSD Hellman Faculty Fellow (2000 and 2002), Fulbright Scholar (1995), Italian Department of New Technology, Energy and Environment Award (1993), COMETT European Union award (1993). He is a member of the Acoustical Society of America, American Society for Nondestructive Testing (ASNT), and Society for Experimental Mechanics (SEM).

Benjamin Munson receives awards from University of Minnesota

Benjamin Munson, a professor in the Department of Speech-Language-Hearing Sciences, University of Minnesota, was awarded a



Benjamin Munson

Distinguished McKnight University Professorship from the University of Minnesota. The Distinguished McKnight Professorship recognizes outstanding mid-career faculty members who have recently achieved full professor status for their scholarly achievements; the potential for greater attainment in their field; the extent to which their achievements have brought distinction to the University; the quality of their teaching and advising; and their contributions to the wider community. Recipients hold the title Distinguished McKnight Professor for as long as they remain at the University. The award includes three years of research support.

Dr. Munson also received the Arthur "Red" Motley Award for Exemplary Teaching in 2006. The purpose of the award is to recognize faculty who are outstanding teachers of graduate and undergraduate students in the College of Liberal Arts. Each award carries a stipend of \$5,000; at least one award is given annually. It acknowledges tenured or tenure-track faculty who inspire and care, who make themselves approachable, who show an interest in individual students' well-being and in programs for the benefit of students generally, who give of themselves generously in advising, counseling, and directing projects, and who create an active classroom atmosphere.

Benjamin Munson received his BA in linguistics from SUNY at Buffalo. His MA in speech-language pathology and PhD in speech and hearing sci-

ences are from Ohio State University. He has authored numerous articles on a variety of topics related to speech production and perception. He is a member of the Acoustical Society of America and its Technical Committee on Speech Communication and served as Associate Editor of the American Speech-Language Hearing Association's Journal of Speech, Language, and Hearing Research from 2004--2006.



Dennis Paoletti

Dennis Paoletti receives Alumni Fellow award from Penn State

Dennis Paoletti, principal of Shen Milsom & Wilkie, has been selected as a 2006 Alumni Fellow for his exceptional contribution and personal interest in the University's academic community. The Penn State Alumni Fellow Award is the highest form of recognition offered by the Penn State Alumni Association to the University's alumni, and the award is conferred only on a select number graduates each year.

Dennis Paoletti began his career in architectural acoustics at the San Francisco office of Bolt Beranek and Newman in 1967. He founded his own firm, Paoletti Associates Inc., in 1976 and merged it with Shen Milsom & Wilke in 2000. He works primarily on high profile architectural projects such as performing arts centers, museums, cathedrals, etc. and is committed to the integration and coordination of his

technical disciplines with architecture to achieve imaginative and technically successful projects. He worked with many well known architects on numerous large scale projects including the San Francisco Opera House Renovation, the Contemporary Jewish Museum, and the Moscone Convention Center in San Francisco, among many others.

While at Penn State, Paoletti completed advanced studies at the School of Architecture at the University of Florence, Italy. He is a Fellow of the Acoustical Society of America, the American Institute of Architects and the British Institute of Acoustics, as well as the Society for Marketing Professional Services.

Peter Rona elected fellow of the American Geophysical Union

Peter A. Rona, Professor, Institute of Marine and Coastal Studies, Rutgers University, New Brunswick, NJ, was named a fellow of the American Geophysical Union.

Professor Rona received an A.B. from Brown University and M.S. and Ph.D. degrees from Yale University. He is the author of over 200 scientific papers and four books. His research interests include Seafloor hydrothermal systems; ocean ridge processes; geology of Atlantic continental margins; genesis of seafloor mineral and energy resources. He is a Fellow of the Acoustical Society of America.



Peter Rona



Donald Henderson

Donald Henderson receives award from Hofstra University

Donald Henderson, professor of communicative disorders and sciences, State University of New York at Buffalo, was awarded the third annual Hofstra University National Research Award in May 2006. Dr. Henderson was recognized for distinguished contributions to the field of research on the human cochlea.

The Hofstra University National Research Award is an annual prize given in a discipline related to the mission of Hofstra's Saltzman Community Services Center, a facility dedicated to the education of students and the health and well being of the community. In 2006 the award was designated for contributions to the field of speech, language and hearing.

Donald Henderson is a member of the Acoustical Society of America. He received a B.A. in biology/psychology from Western Washington State College, and a Ph.D. in sensory psychology from the University of Texas. His interest in hearing loss developed during a postdoctoral fellowship with Hallowell Davis of the Central Institute for the Deaf in St. Louis. He has published more than 200 research articles, hosted a number of international conferences and edited 13 books. His current research focuses on oxidative stress as a cause of hearing loss and the development of pharmacological strategies to prevent hearing loss.