

**Elaine Moran**

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Melville, New York 11747*



*Emily Tobey*

## **Emily Tobey receives award from ASHA**

The American Speech-Language-Hearing Association (ASHA) has announced plans to award its prestigious Honors of the Association to Emily Tobey for her pioneering research and academic leadership. Out of more than 140,000 ASHA members, only 200 have been awarded the Honors of the Association. The award will be presented to Dr. Tobey in November in Philadelphia.

Emily Tobey holds the Nelle C. Johnston Chair in Communication Disorders in the School of Behavioral and Brain Sciences (BBS) and conducts much of her research in the Callier Center for Communication Disorders. In selecting her for its highest honor, ASHA cited her study of speech production by cochlear implant users, her groundbreaking studies in oral rehabilitation and brain imaging, and her many leadership roles. She has made some of the most important contributions concerning the longitudinal effects of cochlear implantation on children during her decades-long focus on speech production and oral language development in young people.

Her work has been continuously funded by the National Institutes of Health (NIH) or other agencies since 1975, and she currently holds three active NIH grants.

Dr. Tobey earned a bachelor's degree at New Mexico State University and a master's degree at Louisiana State, both in speech-language pathology. After earning her PhD from City University of New York in 1981, she became part of the team that helped organize the first Food and Drug Administration (FDA) clinical trials for cochlear implants. The prosthetic device was considered extremely controversial at the time, with no consensus of acceptance by the scientific community. She soon became involved in the design and execution of national FDA clinical trials and was among the first investigators to be funded by the NIH to conduct investigations in deaf individuals receiving the devices. Her activities resulted in FDA approval of the devices for implantation in children in 1992 and their current use worldwide.

Emily Tobey's recent research has expanded to include using the latest imaging techniques to study changes in brain function in adults who receive cochlear implants. She works directly on research efforts not only at UT Dallas, but also with John Hopkins School of Medicine, UT Southwestern Medical Center and many other institutions around the world.

Besides her direct involvement in research, Tobey also has helped raise awareness and encourage progress by taking on leadership and administrative posts with a variety of top professional organizations, such as ASHA and the Acoustical Society of America. She is a Fellow of the ASA and served as chair of the Technical Committee on Speech Communication (1998-2001).

Dr. Tobey also serves as associate provost at UT Dallas, assisting with faculty development, program review, diversity and community engagement.

Teaching has always been a top priority for Tobey, and she has launched the careers of many graduate students involved in the field of speech, language and hearing. Before joining UT Dallas, she was a professor at Louisiana State University Medical Center.



*Kelly Benoit-Bird (Photo courtesy of the John D. and Catherine T. MacArthur Foundation)*

## **Kelly Benoit-Bird named a MacArthur Fellow**

Kelly Benoit-Bird, Associate Professor at Oregon State University, has been named one of 23 2010 MacArthur Fellows. The MacArthur Fellowship is a five-year grant to individuals who show exceptional creativity in their work and the prospect for still more in the future. The fellowship is designed to provide recipients with the flexibility to pursue their creative activities in the absence of specific obligations or reporting requirements. There are no limits on age or area of activity. Individuals cannot apply for this award; they must be nominated. The stipend for the MacArthur Fellowship is currently set at \$500,000, paid in quarterly installments over five years.

Kelly Benoit-Bird received a B.S. (1998) from Brown University and a Ph.D. (2003) from the University of

Hawaii at Manoa. She was a postdoctoral fellow at the Hawaii Institute of Marine Biology (2003–2004) before joining the College of Oceanic and Atmospheric Sciences at Oregon State University, where she is currently an associate professor of biological oceanography. Her scientific articles have appeared in such journals as *Nature*, *Marine Biology*, and the *Journal of the Acoustical Society of America*. In 2005, the Office of Naval Research recognized Benoit-Bird with one of its Young Investigator Awards and a year later, the White House honored her with the Presidential Early Career Award for Scientists and Engineers. She received the R. Bruce Lindsay Award of the Acoustical Society of America in 2009 for contributions to marine ecological acoustics

Benoit-Bird studies how different marine species from zooplankton to whales relate to each other in marine environments and throughout time. Her wide-ranging research includes projects on forage fish assemblages in the Bering Sea, schooling of pelagic fish, jumbo squid in the Gulf of California, predation effects on zooplankton, foraging of dusky dolphins and sperm whale diets. Much of her work utilizes sophisticated acoustic monitoring that allows her to track, for example, the balletic movements of foraging spinner dolphins at night when the use of cameras and lighting would be intrusive. She also creates her own digital representations of the data, and often free-hands her own scientific illustrations. Some of Benoit-Bird's most recent research has focused on the importance of thin layers of plankton that may range over miles of the ocean, but are only a couple of feet thick. Benoit-Bird and her colleagues concluded that these unusual assemblages are important to the feeding behavior of anchovies and sardines, helping drive the marine food web.

### Ji-qing Wang named Honorary Fellow

Professor Ji-qing Wang (AKA Chiching Wong) received an Honorary Fellowship from Hong Kong Institute of Acoustics for his excellent contributions in Acoustics at their Annual



Ji-qing Wang (r)

General Meeting on March 18, 2010. Tom Ho, Chairman of HKIOA also presented a silver memorial plate to Prof. Wang at that occasion. Prof. Wang was invited to give a lecture on “Acoustics of Traditional Chinese Theatre Buildings” at the meeting.

Ji-qing Wang is a Professor of Acoustics, Institute of Acoustics, School of Science (1981-present), and was also once the Director of Graduate Program on Architectural Science, School of Architecture and Urban Planning (1985-2002), Tongji University, Shanghai, China. He is a Fellow of Acoustical Society of China and a Fellow of Acoustical Society of America. He has served as the Chairman of the National Building Science Committee (1996-2000), President of the Acoustical Society of Shanghai (1987-1991), executive member of the Acoustical Society of China (1988-1998), technical member of the Acoustic Standardization Committee of China since 1980, and editor-in-chief for the Chinese Journal of Technical Acoustics (1990-2004). He was the author and co-author of five books on architectural acoustics in Chinese, and published over 130 papers. He has also delivered several plenary, keynotes, invited and professional lectures worldwide.

### Jan D. Achenbach receives von Karman Medal

Jan D. Achenbach, Walter P. Murphy Professor and Distinguished

McCormick School Professor at Northwestern University has been awarded the 2010 Theodore von Karman Medal of the Engineering Mechanics Institute of the American Society of Civil Engineers for his outstanding contributions in theory and analysis of waves in solids, elastodynamics, acoustic microscopy, and dynamic fracture of materials, composite systems, and structures. The Theodore von Karman Medal recognizes distinguished achievements in engineering mechanics that are applicable to any branch of civil engineering.

Professor Achenbach has been a worldwide leader in the general area of waves in elastic solids for a period of over forty-five years. He has con-



Jan D. Achenbach



tributed to a wide spectrum of topics in elastodynamics, including acoustic microscopy, laser-based ultrasonics, diffraction coefficients, dynamic behavior of composites, and dynamic fracture. Among his early works was his book *Wave Propagation in Elastic Solids*, published in 1973 (Elsevier Science, Ltd., Amsterdam).

Professor Achenbach, a Fellow of the Acoustical Society of America, was elected to the National Academy of Engineering in 1982 and to the National Academy of Sciences in 1992. He is the recipient of the two highest presidential awards in science and technology in the United States: the US National Medal of Technology (2003), and the US National Medal of Science (2005).

The Engineering Mechanics Institute (EMI) is an Institute of the American Society of Civil Engineers dedicated to serving the engineering community through the development and application of engineering mechanics.



Mario Zampolli

### Dr. Mario Zampolli receives A. B. Wood Medal

Mario Zampolli was awarded the A.B. Wood Medal and Prize by the Institute of Acoustics for “distinguished contributions to the application of underwater acoustics.” It is named after Albert Beaumont Wood, and is presented in alternate years to European and North American scientists.

Mario Zampolli studied mathematics at the University of Bologna, where a

joint collaboration with the aerospace engineering department of the University of Rome La Sapienza, led to his M.S. (Laurea) thesis on optimal control theory applied to aerodynamics. He began his graduate studies in mechanical engineering at Boston University as a Dean’s Fellowship student in 1997 and received a Ph.D. in 2001.

From 2001 to 2009, Zampolli worked as a Senior Scientist in the Applied Research Division, NATO Undersea Research Centre, formerly known as SACLANT Centre in La Spezia, Italy. Currently he is with TNO Defense, Security and Safety in The Hague, the Netherlands, as a Senior Scientist in the sonar group. His research interests are in underwater acoustics, structural acoustics, physical acoustics, and mathematical modeling of wave propagation.



Leo Beranek

### Leo Beranek honored by Institute of Acoustics

Leo Beranek was awarded the Institute of Acoustics’ Peter Barnett Memorial Award 2010 at the Reproduced Sound conference in Cardiff sponsored by the Institute of Acoustics. Leo, who is an Honorary Fellow of the IOA, was cited in recognition of his “enormous contribution to the field of electro-acoustics, especially in relation to loudspeakers, intelligibility and signal processing.”

A life-long interest in music led Leo to specialize in concert hall and

opera house acoustics. Following trips to more than one hundred of the world’s leading halls and interviews with more than one hundred conductors and music critics, he wrote three books on concert and opera halls.



Ralph N. Ohde

### Ralph Ohde honored by Vanderbilt University

Ralph N. Ohde is Vanderbilt School of Medicine’s 2010 recipient of the Robert D. Collins for Excellence in Teaching Award. The Collins Teaching Award is named in honor of Dr. Robert Collins, a distinguished alumnus awardee from the Vanderbilt Medical Alumni Association and a recipient of multiple teaching awards. It recognizes professors in medical fields who exemplify Dr. Collins’ passion for medical education, teaching and mentoring.

Ralph Ohde received his B.A. in speech from Carthage College in 1966 and his master’s degree in speech-language pathology from the University of Virginia. In 1978, he completed his Ph.D. in Speech Science and Speech-Language Pathology at the University of Michigan where he also received the Outstanding Teaching Assistant Award. He joined the Vanderbilt faculty in 1983 and became a full professor in 1997.

Ohde is a Fellow of the Acoustical Society of America and the American Speech - Language - Hearing Association. He was the associate editor of speech production for the

Journal of the Acoustical Society of American from 1990-1993.

Ohde has made significant contributions in his NIH research comparing the development of speech production and perception in typical and language-disordered children. As an important complement to his research, he teaches

graduate level courses in articulation disorders, phonology, phonetics, speech acoustics, speech perception, and anatomy and physiology of speech and hearing mechanisms. Primarily due to Ohde's influence and pedagogical approach to teaching, Vanderbilt's speech pathology program in one of

only a few schools in the country that includes cadaver dissection as a tool in teaching anatomy. Ohde has made significant contributions to the field through his research and his didactic approach to the development of future clinicians, educators, and scholars in the communication sciences.

### Calendar of Meetings and Congresses

*Compiled by the Information Service of the International Commission for Acoustics*

#### 2010

06 - 08 Dec. Tokyo, Japan. 31st Symposium on UltraSonic Electronic. <http://www.use-jp.org/USE2010/en/index/html>

#### 2011

23 - 27 May Seattle, Wash. USA. 161st Acoustical Society of America Meeting. <http://asa.aip.org/meetings.html>

22 - 27 May Prague, Czech Republic. International Conference on Acoustics, Speech, and Signal Processing (IEEE ICASSP 2011). <http://www.icassp2011.com>

13 - 17 June Ottawa, Ontario, Canada. 12th International Conference on Hand-Arm Vibration. <http://www.hav12.org>

27 June - 01 July Aalborg, Denmark. Forum Acusticum 2011. <http://www.fa2011.org>

17 - 21 July Williamstown, Massachusetts, USA. Mechanics of Hearing 2011. <http://www.mechanicsofhearing.org>

24 - 28 July Tokyo, Japan. 19th International Symposium on Nonlinear Acoustics (ISNA 19). <http://www.isna19.com>

24 - 28 July London, UK. 10th International Congress on Noise as a Public Health Problem (ICBEN). <http://www.icben2011.org>

27 - 31 August, Florence, Italy. Interspeech 2011. <http://www.interspeech2011.org>

04 - 07 Sept. Osaka, Japan. Internoise 2011 <http://www.internoise2011.com>

05 - 08 Sept. Gdansk, Poland. International Congress on Ultrasonics. <http://icu2011.ug.edu.pl/index.html>

26 - 28 Oct. Cáceres, Spain. TECNIACÚSTICA'11. <http://sea-acustica.es>

31 Oct. - 04 Nov. San Diego, Cal., USA. 162nd Meeting of the Acoustical Society of America. <http://asa.aip.org/meetings.html>

#### 2012

20 - 25 March Kyoto, Japan. IEEE International Conference on Acoustics, Speech, and Signal Processing. <http://www.icssp2012.com>

13 - 18 May Hong Kong, China. Acoustics 2012 Hong Kong: Joint meeting of the Acoustical Society of America, Acoustical Society of China, Western Pacific Acoustics Conference, Hong Kong Institute of Acoustics.

12 - 15 Aug. New York, N.Y., USA. Internoise 2012. <http://www.internoise2012.com>.

09 - 13 Sept. Portland, Or. USA. Interspeech 2012. <http://interspeech2012.org>

#### 2013

26 - 31 Mar. Vancouver, Canada. 2013 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP) <http://www.icassp2013.com>

02 - 07 June Montréal, Canada. 21st International Congress on Acoustics (ICA 2013) <http://www.ica2013montreal.org>

Compiled by Walter G. Mayer, Information Service, ICA. Please send your meeting announcements to: [mayerw@georgetown.edu](mailto:mayerw@georgetown.edu)

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