Meet the New Editors

It is with a great deal of pleasure I introduce to you the new Editor-in-Chief and Associate Editor-in-Chief of the *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, Dr. Jian-yu Lu and Dr. Marjorie Passini Yuhas.

Editor-in-Chief, Jian-yu Lu, Ph.D.

Dr. Jian-yu Lu received the B.S. degree in electrical engineering in February 1982 from Fudan University, Shanghai, China; the M.S. degree in acoustics in 1985 from Tongji University, Shanghai, China; and the Ph.D. degree in biomedical engineering in 1988 from Southeast University, Nanjing, China.

He is currently a professor in the Department of Bioengineering at the University of Toledo, Toledo, OH, and an adjunct professor of medicine at the Medical College of Ohio, Toledo, OH. He has been the Graduate Director of the Department of Bioengineering at the University of Toledo since 1999. Before joining the University of Toledo as a professor in September 1997, he was an associate professor of biophysics at the Mayo Medical School and an associate consultant at the Department of Physiology and Biophysics, Mayo Clinic/Foundation, Rochester, MN. His research interests are in acoustic imaging and tissue identification, medical ultrasonic transducers, and ultrasonic beam forming and propagation.

Dr. Lu has published many papers in peer-reviewed journals. Two of his papers published in the *IEEE Transactions on the Ultrasonics, Ferroelectrics, and Frequency Control* (UFFC) in 1992 have received the Outstanding Paper Award from the UFFC society for the discovery of X waves that, in theory, can propagate to an infinite distance without spreading (diffraction-free). These waves have potential applications in medical imaging (in both ultrasound and optics). Dr. Lu has received the Edward C. Kendall (a Nobel Laureate at Mayo Clinic) Award from the Mayo Alumni Association, Mayo Foundation, in 1992, for his meritorious research; the FIRST Award from the National Institutes of Health (NIH) in 1991; and the Biomedical Engineering Research Grant Award from the Whitaker Foundation in 1991, in addition to other long-term R01 type of NIH grant award.

Dr. Lu is active in the UFFC Society. He was the Technical Program Chair of the 2001 IEEE International Ultrasonics Symposium—a joint meeting with the World Congress on Ultrasonics held in Atlanta, GA, in October 2001. He has been an Exhibition Chair of the IEEE Ultrasonics Symposia for many years and is a member of the Technical Program Committee of Group I (Medical Ultrasonics). He serves in both the UFFC Web Committee and the UFFC Ultrasonics Committee. Dr. Lu is a senior member of the IEEE UFFC Society and a senior member of the American Institute of Ultrasound in Medicine (AIUM). He is also a managing editor of the online journal *Frontiers in Bioscience*.

Dr. Lu has been married to his wife, Dr. Li Lin for 14 years. The couple has a son, Alex, 10, and a daughter, Emily, 5.

Associate Editor-in-Chief, Marjorie Passini Yuhas, Ph.D.

Dr. Marjorie Passini Yuhas received the Ph.D. degree in physics (1976) from Washington University, St. Louis, MO; the M.S. degree in physics (1974) from Washington University, St. Louis, MO; and the B.A. degree in physics (1970) from Northwestern University, Evanston, IL.

Dr. Yuhas's Ph.D. thesis involved the observation and verification of the quantum mechanical behaviors of dilute magnetic systems using low frequency non-resonant acoustic magnetic techniques. She worked with Drs. D. I. Bolef and J. G. Miller in the Laboratory for Ultrasonics at Washington University. Prior to that, Dr. Yuhas worked in the Laboratory for Space Sciences at Washington University. There she developed a radioactive inclusion dating process that adapted technology from 1) lunar science heat flow studies, 2) archeological quartz dating, and 3) radiation damage evaluation techniques.

Dr. Yuhas is currently associated with Industrial Measurements Systems in the capacity of Vice President. In July 2001, Dr. Yuhas retired from Bell Laboratories, Lucent Technologies after twenty-three years. For nineteen years, she was in technical management. While at Lucent, Dr. Yuhas was an organizational and technological leader with extensive experience in planning and development of state-of-the-art, technology-based solutions for problems

in telecommunications. She was specifically involved in the creation of the Intelligent Network concept and the development and deployment of first generation of ISDN Wireline Services and first generation Wireless GSM, CDMA, TDMA services. While experienced in all phases of industrial software development, Dr. Yuhas made major contributions to quality management and software manufacturing. At the time of retirement, she was responsible for Wireline technologies trials in China and Japan for Lucent World Wide Services. From 1976 to 1978, Dr.Yuhas was Research Associate in the Physics Department at the University of Illinois, Champaign-Urbana. While working with Dr. David Lazarus, she developed a program that studied the basic electromagnetic properties of spin glasses at high pressures and low temperatures.

While at Lucent Technologies, Dr. Yuhas received the Harvey Fletcher Trophy for inventions beneficial to the Network Services Business Unit, specifically for coinventing the process that is fundamental to the Intelligent Network (IN) and Advanced IN concepts. Dr. Yuhas was twice (1993 and 1999) recognized for her personal and professional contributions to the Asian American community of Lucent Technologies. Dr. Yuhas has had a long-standing involvement in Lucent Technologies College Summer Internship programs and minority and women programs.

Dr. Yuhas writes:

> I am humbled by the opportunity to rejoin the technology sphere of UFFC. My last professional contributions to UFFC were at the Ultrasonic Symposium in 1975. The world and I have changed considerably in the last 26 years; however, some things have not changed. In 1968, I started my study of physics with a lab partner, named Donald Yuhas. We have been married for over thirty years. I am delighted to be able to spend my professional time once again in the same technical arena with Don. I look forward to partnering with Dr. Jian-yu Lu in the capacity of Associate Editor-in-Chief. I hope we can continue the support of strong technical contributions to the *UFFC Transactions* and move the society toward improved technology platforms for the *Transactions*.

Congratulations to you both and best wishes as you take over the *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*.

Fred S. Hickernell
President, UFFC Society, 2000-2001