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IEEE UFFC Society Newsletter

Sept-Dec 2014

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Editor-in-Chief: R. Michael Garvey

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Transactions on UFFC

The February Issue of [Transactions on UFFC](#) is in the mail and is retrievable now from IEEE Xplore, the IEEE online digital library.

All UFFC members can access the online edition using their [IEEE](#)

About the IEEE UFFC-S Newsletter

The Ultrasonics, Ferroelectrics and Frequency Control (UFFC-S) Society Newsletter includes time sensitive news useful to UFFC members and highlights content from the current issue of *IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control*.

President's Corner

by Jian-yu Lu, President UFFC-S



Greetings:

On behalf of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society (UFFC-S), I would like to greet all of you and wish you a happy new year.

[read more](#)

Recognition of Jan Brown as IEEE WIE Inspiring Member of the Year

by Lori Bridal, UFFC-S WIE Liaison



At the IEEE Women in Engineering International Leadership Conference in San Francisco, CA in May 2014, the IEEE Women in Engineering Committee bestowed its inaugural 'IEEE Women in Engineering Inspiring Member of the Year Award' on Jan Brown, JB Consulting West Whately, MA.

[read more](#)

John Vig to TAB Hall of Honor

by Mike Garvey, UFFC-S Newsletter Editor-in-Chief

At a meeting (Nov 21-22, 2014) of the IEEE Technical Activities Board (TAB) John Vig was inducted into the TAB Hall of Honor for

"... improving operations and processes of the IEEE Technical Activities Board."



Most downloaded articles:

- [Supersonic Shear Imaging: A New Technique for Soft Tissue Elasticity Mapping](#)
- [Fast 2-D Ultrasound Strain Imaging: The Benefits of Using a GPU](#)
- [Ultrasound-Guided Photoacoustic Imaging: Current State and Future Development](#)
- [Acoustic Radiation Force Elasticity Imaging in Diagnostic Ultrasound](#)
- [MEMS Technology for Timing and Frequency Control](#)

For Newsletter comments, suggestions, critique, etc. contact Mike Garvey mgarvey@ieee.org



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Elevated 2015 UFFC-S Fellows

by Mike Garvey, UFFC-S Newsletter Editor-in-Chief

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation. The total number selected in any one year does not exceed one-tenth of one percent of the total voting Institute membership. In 2015, two members of UFFC-S were elevated to IEEE Fellow:

[read more](#)

Susan Trolier-McKinstry to UFFC-S Fellows Chair

by Mike Garvey, UFFC-S Newsletter Editor-in-Chief



The UFFC-S AdCom Elected Membership recently confirmed the appointment of Susan Trolier-McKinstry to the position of Chair of the UFFC-S Fellows Committee.

[read more](#)

2014 International Ultrasonics Symposium

by Sandy Cochran, Ultrasonics Newsletter Editor



The Hilton Hotel, Chicago, was the beautiful, distinguished and convenient venue for the 2014 IEEE International Ultrasonics Symposium. The Symposium was organized and led by the General Chair, Dr. Jafar Saniie, Illinois Institute of Technology. As the preeminent meeting in ultrasonics, IUS provides a unique forum in which to present the latest advances in many areas, including medical ultrasound, non-destructive evaluation, industrial ultrasonics, physical acoustics, microacoustics, transducers and new materials.

[read more](#)

Women In Engineering Networking Event at IUS 2014

by Lori Bridal, UFFC-S WIE liaison



On September 5th, 2014, the IEEE UFFC Society hosted the Women in Engineering (WIE) networking event at the IEEE International Ultrasonics Symposium in Chicago. The event aims to highlight achievements and enhance networking of WIE. It also provides an interface with IEEE UFFC-S members to encourage communication and volunteering within the society. For the first time, the registration-form invited conference registrants to indicate intent to attend this event. Very strong interest was expressed with a total of 113 pre-registrants.

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Spotlight on Students at IUS 2014

by Joel Harley, UFFC-S Student Representative for Ultrasonics



Students are the foundation of any technical organization, and this is particularly true in the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society. Student members are a source of refreshed and renewed enthusiasm for our field. Student members supply new, transformative ideas that shape technical breakthroughs and discourse. Student members will eventually lead the society and continue its efforts to bring together researchers and practitioners throughout the world. For these reasons, UFFC-S is committed to attracting and fostering new student members and helping them to become new technical leaders in the fields of ultrasonics, ferroelectrics, and frequency control.

[read more](#)

UFFC-S AdCom Meeting

by Mike Garvey, Senior Past President

The UFFC-S AdCom met on September 3, 2014, in Chicago, Illinois in conjunction with the 2014 IEEE International Ultrasonics Symposium. The meeting was attended by 45 people, including 12 Officers, 9 Elected Members and 24 others. Two people attended by WebEx.

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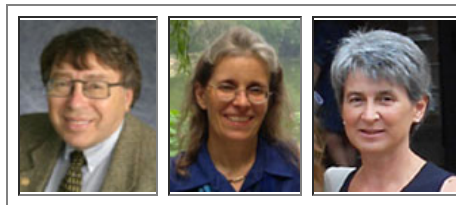
Emeritus Members to Life Term

by Mike Garvey, Newsletter Editor-in-Chief

At the September meeting of AdCom, the topic of the term of emeritus members of UFFC-S was reopened, having been tabled at the May 2014 AdCom meeting. The AdCom voted in favor of a term of life, replacing the existing term of five years.

[read more](#)

Distinguished Lecturers



The Distinguished Lecturer Program is an important feature of UFFC-S. At the September meeting of AdCom, the number of Distinguished Lecturers was increased, with overlapping terms, from one to two. The UFFC-S Distinguished Lecturers are:

[read more](#)

IUS Standing Committee Report

by Jafar Saniie (as summarized from the Meeting Minutes by Mike Garvey)

The Ultrasonics Standing Committee, (UltraCom) met in Chicago on the evening of September 2, 2014 in conjunction with the IEEE International Ultrasonics Symposium. Seven voting members were present, as were 18 additional UFFC-S members.



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UFFC-S Web Video

by Sidney Lang



Sidney Lang, Editor of the UFFC-S Website, is working on a video to introduce visitors to the technology of UFFC. Sidney reports that he now has all of the dialogue and is in the process of collecting the photographs and videos.

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Oral History of Dr. Eiichi Fukada

by Glen Fox, UFFC-S Historian and Sidney Lang



Glen Fox, UFFC-S Historian, is working collaboratively with Sidney Lang to produce an IEEE Oral History segment for Dr. Eiichi Fukada.

Glen Fox

Sidney Lang

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UFFC-S Publications

by John Vig, Vice President for Publications



Conference Publications

John Vig, UFFC-S VP for Publications, notes that the proceedings of all three 2014 UFFC-S financially sponsored conferences have been added to IEEE Xplore:

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News from the Transactions of UFFC

by Steve Freear, Transactions Editor in Chief



Steve is pleased to report that the Transactions of UFFC recently passed a review by the IEEE Periodicals Review and Advisory Committee with a clean bill of health; this review takes place every five years. Steve also reports that "turn around statistics" for the Transactions are at a record low: at 45 days for first decision and 55 for final decision. Thanks to Steve and all the Associate Editors.

[read more](#)

IEEE Global Travel Accident Medical Plan

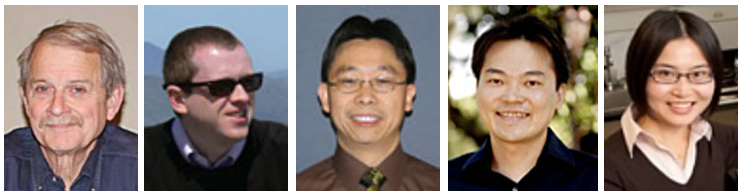
by Dan Stevens, UFFC-S Treasurer



Dan Stevens, UFFC-S Treasurer, notes that IEEE maintains a Global Travel Accident Medical Plan to protect IEEE volunteers who become ill, or injured, and require immediate medical attention while traveling on authorized IEEE business outside of their country of permanent residence.

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IEEE

445 Hoes Lane
Piscataway, NJ 08854 USA
+1 800 678 4333 (toll free, US & Canada)
+1 732 981 0060 (Worldwide)



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