

*Medical Imaging 2014:*

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# ***Ultrasonic Imaging and Tomography***

**Johan G. Bosch**  
**Marvin M. Doyley**  
*Editors*

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**William F. Walker**, University of Virginia (United States)

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**John B. Weaver**, Dartmouth Hitchcock Medical Center (United States)  
**Marvin M. Doyley**, University of Rochester (United States)
- 2 Keynote and Acoustic Microscopy and Tissue Characterization  
**Neb Duric**, Delphinus Medical Technologies, Inc. (United States)
- 3 Ultrasound Image Analysis  
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- 4 Transducers and Beamforming  
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**Robert A. Kruger**, OptoSonics, Inc. (United States)
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### Robert F. Wagner Award

Robert F. Wagner was an active scientist in the SPIE Medical Imaging meeting, starting with the first meeting in 1972 and continuing throughout his career. He ensured that the BRH, and subsequently the CDRH, was a sponsor for the early and subsequent Medical Imaging meetings, helping to launch and ensure the historical success of the meeting. The Robert F. Wagner All-Conference Best Student Paper Award (established 2014) is acknowledgment of his many important contributions to the Medical Imaging meeting and his many important advances to the field of medical imaging.

This award is cosponsored by:



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2014 Recipients:

First Place: **MRI signal and texture features for the prediction of MCI to Alzheimer's disease progression** (9035-78)

A. Martínez-Torteya, J. A. Rodríguez-Rojas, J. M. Celaya-Padilla, J. I. Galván-Tejada, V. M. Treviño-Alvarado, Sr., J. G. Tamez-Peña, Tecnológico de Monterrey (Mexico)

Second Place: **Distinguishing benign confounding treatment changes from residual prostate cancer on MRI following laser ablation** (9036-49)

G. Litjens, H. Huisman, Radboud Univ. Nijmegen Medical Ctr. (Netherlands); R. Elliot, Case Western Reserve Univ. (United States); N. Shih, M. Feldman, Univ. of Pennsylvania (United States); S. Viswnath, Case Western Reserve Univ. (United States); J. Futterer, J. Bomers, Radboud Univ. Nijmegen Medical Ctr. (Netherlands); A. Madabhushi, Case Western Reserve Univ. (United States)

## Conference Award

2014 Recipients:

Cum Laude Poster Award: **Simulation study of real time 3D synthetic aperture sequential beamforming for ultrasound imaging (Cum Laude Poster Award)** [9040-59]  
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