

This report covers the activities of the Technical Committee on Underwater Acoustics (TCUW) and its members during the period from July 2015 through June 2016.

The 170th Meeting of the Acoustical Society of America was held at the Hyatt Regency Jacksonville Riverfront Hotel in Jacksonville, Florida, 2 – 6 November 2015. TCUW sponsored the following four sessions: “50 Years of Underwater Acoustics under the ASA” co-chaired by David L. Bradley and John A. Colosi with seven invited talks and one contributed talk, “Environmental Variability on Shallow Water Acoustics I and II” co-chaired by Brian Hefner, Anthony Bonomo, Kevin Heaney, and Sergio Jesus with four invited talks and 23 contributed talks, and “Communications, Transducers, Target Response, and Nonlinear Acoustics” co-chaired by Raymond Lim and Simon Freeman with 13 contributed talks. The student paper award winners were Brian Worthmann and Dieter Bevans who tied for first place.

The 171st Meeting of the Acoustical Society of America was held at the Salt Lake Marriot Downtown at City Creek Hotel in Salt Lake City, Utah, 23 -27 May 2016. TCUW sponsored the following six sessions: “Target Physics and Scattering” chaired by Brian Hefner with 11 contributed talks, “Sediment Characterization Using Direct and Inverse Techniques I, II, and III” co-chaired by David Knobles and Preston Wilson with 13 invited talks and 13 contributed talks, “Acoustic Propagation in the Ocean” chaired by Ying-Tsong Lin with nine contributed talks, and “Underwater Noise” chaired by Stan Dosso with nine contributed talks. Megan Ballard received the R. Bruce Lindsay Award for contributions to underwater acoustic propagation modeling and inversion techniques in acoustical oceanography. The student paper award winners were Viktor Bollen and Michael Bianco who received first and second place, respectively.

The chair thanks the many volunteers who make the activities of TCUW possible.