The Magic and Mysteries of Water

Water is ubiquitous in our lives. Covering more than two thirds of this planet, water surfaces provide a unique boundary layer that facilitates essential chemical and biological processes as well as playing an essential role in controlling our climate. In our bodies, water is the ‘canal of life’, transporting and passing nutrients, ions and other essential molecules across membranes and tissues. It regulates body temperature through perspiration, reduces friction between joints, and acts as a cushion between organs. We know a lot about what it does but continue to be perplexed by how such a simple compound could behave in such complex ways. Join in this conversation about the magic and mysteries of this elixir of life.

Speaker:
Prof. Geri Richmond
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About the speaker: Professor Geri Richmond holds the Richard M. and Patricia H. Noyes Professorship in Chemistry at the University of Oregon. Richmond is recognized for her fundamental studies of water surfaces using state-of-the-art laser techniques. She has received numerous awards for these studies with over 160 publications to her credit. Richmond is also known for her innovative science teaching and outreach efforts in communicating science to the general public and encouraging more girls and women to follow science careers.