


Personal Information

Full name	Xiao-Ying Yu	
Current position	Senior Scientist	
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Short Biography

Dr. Xiao-Ying Yu obtained her doctoral degree in Physical Chemistry at the University of Michigan, Ann Arbor in 2001. She has been a senior scientist at the Pacific Northwest National Laboratory (PNNL) since 2006. She led the development of novel multimodal imaging tool (System for Analysis at the Liquid Vacuum Interface, SALVI) based on microfluidics at PNNL, which has resulted in multiple publications, patents, a prestigious R&D 100 award in 2014, and a Federal Laboratory Consortium Technology Transfer Excellence Award in 2015 in the United States. Her expertise spans from atmospheric chemistry, in situ characterization, toxicity risk analysis, to fundamental kinetic studies. Her recent research effort focuses on in situ chemical imaging of liquid surfaces and liquid-solid interfaces of importance in biology, catalysis, materials, energy conversion, and energy storage using innovated mesoscale imaging approaches.