**Innovation in Biometric Computing: Experience with Smart Health and Cybersecurity**

Abstract: Biometric Computing technologies interact with people by tightly integrating sensing, communication, and computation with human objects. Through digitalizing our body, living behavior environment, biometric computing can augment human performance, illuminate the emerging socio-technological landscape, and enhance the quality of life. In this talk, I will introduce our exploratory research efforts on the biometric computing that address the challenges at the interaction among technologies, systems, data and applications including healthcare (e.g., Autism, Parkinson’s, MS, Obesity, Stroke Rehabilitation) and cybersecurity (e.g., identification, deception detection).

Reference:

<https://cse.buffalo.edu/~wenyaoxu/papers/conference/xu-mobisys2018.pdf>

<https://cse.buffalo.edu/~wenyaoxu/papers/conference/xu-mobisys2019b.pdf>

<https://cse.buffalo.edu/~wenyaoxu/papers/conference/xu-mobisys2019a.pdf>