



**STONY BROOK
UNIVERSITY**

**OLLI LECTURE SERIES PRESENTS:
Elinor Randi Schoenfeld, PhD and Fan Ye, PhD**

Tuesday, April 28, 2020

*Virtual via Zoom**

9:00 -10:15am

TOPIC TO BE DISCUSSED

FROM THE LAB TO THE COMMUNITY - SENSORS TO MONITOR HEALTH AND WELLNESS

Wireless Sensors for Non-touch Respiration and Heart Rate Measurement

Fan Ye, PhD



Fan Ye PhD is an Associate Professor in the ECE department of Stony Brook University, before that he was a Research Staff Member at IBM T. J. Watson Research after getting his Ph.D. from UCLA CS department in 2004. His research interests include mobile sensing platforms, systems and applications in smart aging and location based services, Internet-of-Things, edge computing, wireless and sensor networks. He has published over 100 papers with 11,000+ citations according to Google Scholar, and 30 granted/pending patents/applications. He has received NSF CAREER award, Google Faculty Research Award, IBM Research Division Award, 5 Invention Achievement Plateau awards, Best Paper Award for IEEE ICCP 2008. He has been a panelist for NSF and Canada, Hong Kong government funding agencies, on program/organizing committees for conferences including ACM Mobicom, ACM Sensys and IEEE Infocom, IEEE ICDCS.

Engaging the Community in a Discussion About Home Based Sensors and Aging in Place

Elinor Schoenfeld, PhD

Elinor Randi Schoenfeld PhD, is an Epidemiologist, Research Professor and Deputy Division Head, Epidemiology & Biostatistics in the Department of Family, Population and Preventive Medicine, Stony Brook University (SBU) School of Medicine. She works closely with many diverse communities providing individuals with knowledge and tools to make informed health care decisions, become active participants in their care, and sustain independence as they age. Her NIH, HRSA, state and private foundation funded studies have focused on interventions and risk factor determination for cancer, diabetes, visual impairment, periodontal disease, cardiac arrest, osteoporosis, opioid addiction, and obesity. Dr. Schoenfeld's current research focuses on technology supported aging in place. She is collaborating with a diverse team from the SBU College of Engineering and Applied Sciences, the Schools of Medicine, Nursing and Social Welfare, and the community developing and evaluating a home-based sensor system to support smart aging.

