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Quang Su is a world-class specialist in the field of acoustic and vibration measurement and characterization. Dr. Su earned his B.S., M.S. and Ph.D. in mechanical engineering from the State University of New York Binghamton and has spent over 11 years in this field, focusing on silicon microacoustic sensors and structures. His expertise includes signal processing and controls, modal analysis, parameter estimation, fixture design and fabrication, automated data acquisition programming, and structural failure and defect analysis.

In addition, Dr. Su is co-PI on an interdisciplinary project that investigates sound and vibration sensing in insects through laser vibrometry and acoustic measurements. This involves the programming of custom data processing and graphical user interface code for visualization and interpretation of measurements. This collaborative effort brings together behavioral ecology, neurobiology, computational modeling and mechanical engineering. A major objective of this work is to train students in collaborative research. Dr. Su also trains and advises masters and doctoral engineering students and is an adjunct Professor for the Department of Mechanical Engineering.

Dr. Su has co-authored 8 publications. For more information about Dr. Su's work, please visit: <http://ws.binghamton.edu/me/mssl>.