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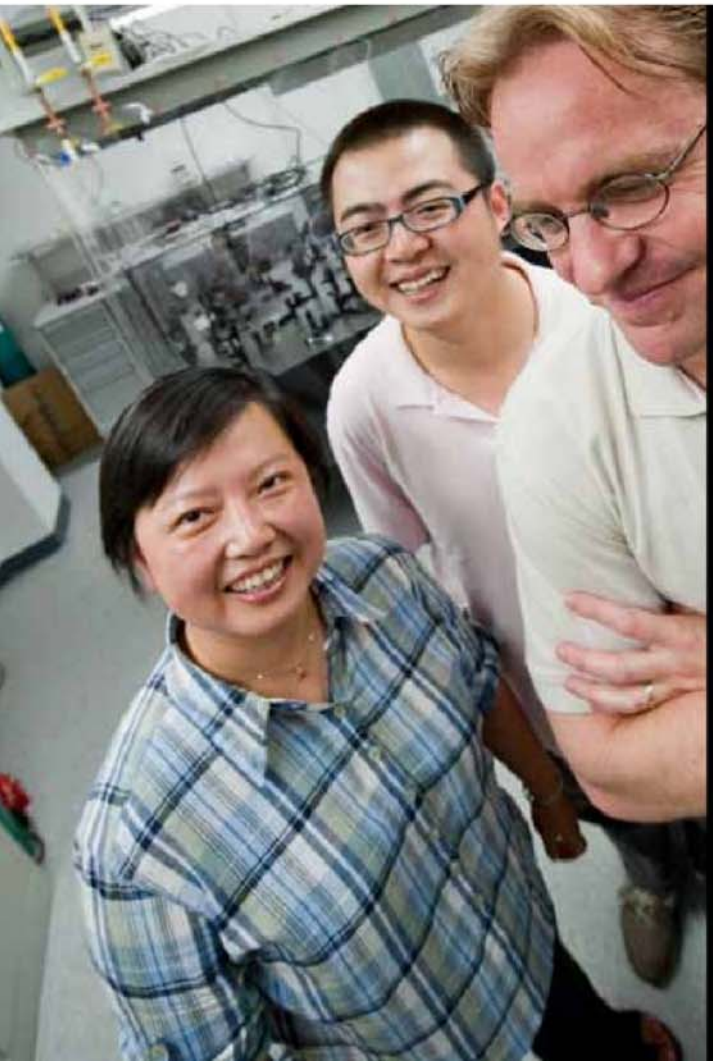

Xin Zhang

PhD, Hong Kong University of Science and Technology
Associate Professor of Mechanical Engineering

My lab's research is driven by finding real-world problems and developing solutions based on performance and functionality, particularly in NEMS and MEMS-related research. Our investigations of nano- and micro-electromechanical systems could lead to advances in biotechnology, defense systems and nano-manufacturing. I believe that in order to solve a problem, you have to take ownership of it, and my students have embraced each project from the beginning. They are pushing me to a higher level and motivating me to do better.

Our lab has become a hub of materials science, nanotechnology, and micro- and nanosystems. Because our field is multidisciplinary in nature, our work is characterized by strong collaborations with other departments, schools and local industry. In terms of partnerships, there are really no boundaries here.

To learn more, visit www.bu.edu/eng.