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Weili Cui received his BSME from **Southwest Jiaotong University** in Chengdu, China and his M.S. and Ph.D. in mechanical engineering from the **State University of New York Binghamton**. Prior to earning his masters degree, Dr. Cui was employed for three years as a Manufacturing Process Engineer at a locomotive factory in Beijing. In this position, Dr. Cui was involved in technical support, quality control and fixture design.

While at Binghamton, Dr. Cui developed his core specialization: analysis, design and fabrication of **biologically-inspired MEMS silicon microphones**. Since earning his Ph.D. in 2004, Dr. Cui has continued this work and is now team leader of an externally funded fabrication group at **Cornell's NanoScale Science & Technology Facility** [<http://www.cnf.cornell.edu/>], where his extensive experience on all the major nano-fabrication equipment is highly valued. Dr. Cui has also developed interdisciplinary collaborations with other researchers in the areas of **modeling and fabrication of micro-fluidic channels, carbon nanotubes, and organic flexible electronics**.

He currently has one U.S. patent application pending and 9 publications. For more information about Dr. Cui's work, please visit:
<http://www.ws.binghamton.edu/msl>.