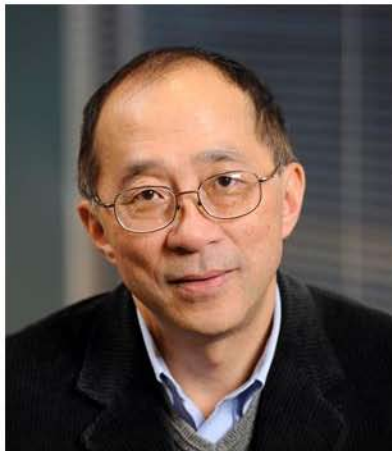


Yu-li Wang, R. Mehrabian Professor and Department Head

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The research of Professor Yu-li Wang has focused on aspects of cellular mechanical activities that serve as the foundation of cell and tissue engineering; specifically, how cells use mechanical means to probe the environment and respond to physical cues. His major contributions include the development of live cell imaging using fluorescently tagged proteins, the development of polyacrylamide flexible substrate for cellular mechanical studies, the development of imaging methods for measuring cellular traction forces, the demonstration of cellular sensitivities to material rigidity, and the discovery of durotaxis.

Professor Wang has published over 120 papers and edited 3 books on Cell Mechanics and Fluorescence Microscopy of Living Cells. He has an h-Index of 62 with three of his papers receiving over 1000 citations. He was a recipient of the NIH MERIT award.

