

## Mahta Moghaddam

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- William M. Hogue Professor of Electrical and Computer Engineering
- B.S. in ECE from University of Kansas (1986)
- M.S. and Ph.D. in ECE from UIUC (1989, 1991)
- Member of the National Academy of Engineering
- Fellow of IEEE
- President-Elect (2019) and President (2020), IEEE Antennas and Propagation Society
- IEEE Distinguished Lecturer (GRSS)
- Editor-in-Chief of the IEEE Antennas and Propagation Magazine
- NASA Honor Award, Outstanding Public Leadership Medal
- Numerous NASA Group Achievement awards and Certificates of Recognition
- President and Co-Founder, Maxwell Medical Corporation (USC startup company developing medical diagnostic, therapy, and intraoperative monitoring devices using microwave technologies)

### Research interests:

- Development of radar instrument and measurement technologies for subsurface and subcanopy characterization
- Electromagnetic forward and inverse scattering methods for remote sensing of complex and random media
- Microwave medical imaging and thermal therapy systems development
- In-situ and Drone-based sensor networks

