

FACULTY VITAE

1. **Name** Mina Sartipi

2. **Education**

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|-------|-------------------------------|----------------------------|------|
| B.S. | Electrical Engineering | Sharif Univ. of Technology | 2001 |
| M.E. | Electrical and Computer Engr. | Georgia Institute of Tech. | 2003 |
| Ph.D. | Electrical and Computer Engr. | Georgia Institute of Tech. | 2006 |

3. **Academic experience**

- Associate Professor / Computer Science (2010 – now), Department of Computer Science and Engineering, University of Tennessee at Chattanooga.
- Assistant Professor / Computer Science (2006 – 2010), Department of Computer Science and Engineering, University of Tennessee at Chattanooga.

4. **Non-academic experience**

N/A

5. **Certifications or professional registration**

N/A

6. **Current membership in professional organizations**

- IEEE

7. **Honors and awards**

- Outstanding Research Award from the Department of Computer Science and Engineering, University of Tennessee at Chattanooga (UTC), TN, 2014
- “Keep the Stars Shining” Award, 2012
- Outstanding Research Award from the College of Engineering and Computer Science, University of Tennessee at Chattanooga (UTC), TN, 2010
- Outstanding Research Award from the Department of Computer Science and Engineering, University of Tennessee at Chattanooga (UTC), TN, 2010
- Exceptional Merit Faculty, University of Tennessee at Chattanooga, TN, 2010, 2011

8. **Service activities (selected in the period since the last general review)**

- NSF Panel Reviewer (2008, 2009, 2010, and 2013)
- Journal Reviewer: IEEE Transactions on Information Theory, IEEE Transactions on Communications, IEEE Communications Letters, IEEE Transactions on Signal Processing, EURASIP Journal on Wireless Communications and Networking
- Conference Reviewer: IEEE INFOCOM, IEEE GLOBECOM, IEEE ISIT, IEEE ICC, IEEE SECON, IEEE ICASSP

- Served on Technical Program Committee for IEEE GLOBECOM 2006-Wireless Communications and Networking and IEEE International Conference on Computing, Networking and Communications 2013-Cyber Physical Systems
- Serve as the acting Graduate Program Coordinator, 2013
- Chair ABET Committee, 2012 - Present.
- Chair Search Committee, 2011-Present
- Serve on Graduate Council, 2008-Present.
- Serve on CPSC Curriculum Committee, 2005 - present

9. Most Important Publications And Presentations From The Past Five Years

- B. Williams, B. Allen, H. True, N. Fell, D. Levine, and M. Sartipi, “A Real-time, Mobile Timed Up and Go System”, accepted to be presented at IEEE Body Sensor Networks Conference, June 2015.
- Z. Hu, S. Mohagheghi, and M. Sartipi, “Efficient Data Acquisition in Advanced Meter Infrastructure”, accepted to be presented at IEEE Power and Energy Society, July 2015.
- N. Fell, K. Lowry, E. Smith, B. Wade, H. True, B. Allen, and M. Sartipi, “Validation of the Functional Reach Test in a Mobile Platform: A Pilot Study with Subjects Post-Acute Stroke”, Mobile Health in Rehabilitation, Boston University, Oct. 2014.
- B. Allen, R. Derveloy, N. Fell, W. Gasior, G. Yu, and M. Sartipi, “Telemedicine Assessment of Fall Risk Using Wireless Sensors,” in Proc. of IEEE International Conference on Sensor and Ad Hoc Communications and Networks, June 2014.
- B. Allen, R. Derveloy, K. Lowry, H. Handley, N. Fell, W. Gasior, G. Yu and M. Sartipi, “Evaluation of Fall Risk for Post-Stroke Patients Using Bluetooth Low-Energy Wireless Sensor”, in Proc. of IEEE Globecom, December 2013.
- M. Sartipi, “On the Rate-Distortion Performance of Compressive Sensing in Wireless Sensor Networks”, Accepted to be published in Proc. of International Conference on Computing, Networking and Communications, January 2013.
- M. Sartipi, “Low-Complexity Distributed Compression in Wireless Sensor Networks”, Proc. IEEE Data Compression Conference, March 2012.
- L. Yang, M. Sartipi, M. McNeely, “Usable Protection to Healthcare Application”.
- R. Derveloy, M. Sartipi, “Evaluation of Well-Being for Post-Stroke Patients Using Bayesian Compressive Sensing”, To be submitted to Wireless Health Conference 2012.
- M. Sartipi, R. Fletcher, “Energy-Efficient Data Acquisition in Wireless Sensor Networks Using Compressed Sampling”, Proc. IEEE Data Compression Conference, March 2011.
- P. Ramachandra, M. Sartipi, “Compressive Sensing Based Imaging via Belief Propagation”, In Proc. of the Asilomar Conference on Signals, Systems, and Computers 2011.
- M. Sartipi, “LDPC Codes for Information Embedding and Lossy Distributed Source Coding”, Proc. of IEEE Data Compression Conference, April 2010.

10. Recent Professional Development Activities

- Serving on several internal and external committees.
- Serving as TPC of several conferences.
- Serving on NSF panels.