Lijun Qian, Ph.D.

Department of Electrical & Computer Engineering Prairie View A&M University, a Member of the Texas A&M University System *Phone:* 936-261-9908; *Fax:* 936-261-9930; *Email:* ligian@pvamu.edu

Education

- Rutgers The State University of New Jersey
- The Technion Israel Institute of Technology

Electrical Engineering Ph.D., 2001 Electrical Engineering M.S.E.E., 1996 Electrical Engineering B.E., 1993

Tsinghua University

Experience (List all pervious teaching and administrative positions held relative to Higher Ed)

- Sep. 2013 present Professor, Department of ECE, Prairie View A&M University
- Sep. 2009 Aug.2013 Associate Professor, Department of ECE, Prairie View A&M University
- Aug. 2003 Aug.2009 Assistant Professor, Department of ECE, Prairie View A&M University

Professional, Technical and Work-Related Experience and Skills

- Senior Member of IEEE.
- Editor, Wireless Ad Hoc Networks, Scientific Research Pub.; Scientific World Journal, Hindawi.
- Organizing Committee & Publication Chair, CPS Week 2015; TPC Chair, IEEE Sarnoff Symposium 2015, TPC co-Chair, Crowncom 2012; Organizing Committee, QShine 2010; Organizer & Chair of Special Session on Cognitive Radio Networks and Technologies, IEEE SMC 2009.
- Proposal Review Panel for NSF, ARO, NSERC.
- TPC member of many conferences and Reviewer for numerous journals and conferences.

Professional Achievements and Publications (5-7 most recent)

- 2012 Roy G. Perry College of Engineering Outstanding Faculty Researcher Award, PVAMU.
- 2008 Outstanding Teacher of the Year, Roy G. Perry College of Engineering, PVAMU.
- Chaired 6 PhD students (including the first two in EE) and 5 MSEE students.
- Jointly founded "The ARO Center for Battlefield Communication Research".
- Founder and Director of Wireless Communication Laboratory (WiComLab).
- Holds 3 US patents.

Sample Publications (total over 100 peer-reviewed publications)

- 1. H. Li, A. Dimitrovski, J. Song, Z. Han, <u>L. Qian</u> (2014). "Communication Infrastructure Design in Cyber Physical Systems with Applications in Smart Grids: A Hybrid System Framework", *IEEE Communications Surveys and Tutorials*.
- P. Potier and <u>L. Qian</u> (2013). "Management of Cognitive Radio Ad Hoc Networks Using a Congestion Based Metric", *International Journal of Network Management*, Vol.23, No.5, pp.325-349, Wiley, DOI: 10.1002/nem.1835.
- 3. Li, X., <u>L. Qian</u>, and E. Dougherty (2012). "Dynamical Modeling of Drug Effects Using Hybrid Systems", *EURASIP Journal on Bioinformatics and Systems Biology*. 2012:19. DOI: 10.1186/1687-4153-2012-19.
- 4. Nieminen, J., <u>L. Qian</u> and R. Jäntti (2011). "Network-Wide Time Synchronization in Multi-Channel Wireless Sensor Networks", *Wireless Sensor Network*, vol.3, no.2, pp.39-53.
- 5. Wang, H., <u>L. Qian</u>, and E. Dougherty (2010). "Inference of gene regulatory networks using Ssystem: A unified approach", *IET Systems Biology Journal*, vol.4, no.2, pp.145-156.
- Gao, S., <u>L. Qian</u>, and D.R. Vaman (2009). "Distributed Energy Efficient Spectrum Access in Wireless Cognitive Radio Ad Hoc Networks", *IEEE Transactions on Wireless Communications*, vol.8, no.10, pp.5202-5213.
- <u>Qian, L.,</u> H. Wang, and E. Dougherty (2008). "Inference of Noisy Nonlinear Differential Equation Models for Gene Regulatory Networks using Genetic Programming and Kalman Filtering", *IEEE Transactions on Signal Processing*, vol.56, no.7, pp.3327-3339.