

School of Computing and Informatics

Summary

The School of Computing and Informatics (CMIX) was formed in 2011, based on the well-established computer science and engineering programs and the emerging informatics program. The School consists of three degree-granting units: The Computer Science Program (CMPS), The Informatics Program (INFX), and The Center for Advanced Computer Studies (CACCS). It offers six degrees: B.S. in computer science, B.S. in informatics, M.S. and Ph.D. in computer science, and M.S. and Ph.D. in computer engineering. The School currently houses 28 (including 22 tenure-track/tenured and 6 non-tenure-track) faculty members, 556 undergraduate students, 41 Master's students and 61 PhD students (as of May 11, 2017). The mission of the School is to create, share, and apply knowledge in Computing and Informatics, including in interdisciplinary areas that benefit humanity and society; to educate students from diverse backgrounds to be successful, ethical, and effective problem-solvers and professional leaders who will contribute positively to our university, state, nation and the world.

This report summarizes the research and professional activities in the School between January 2011 and December 2016. Briefly, the School of Computing and Informatics (CMIX) faculty produced the following:

- 6 patents,
- 13 books,
- 15 book chapters,
- 120 journal papers, and
- 207 conference papers.

Most papers have been published in premier journals and conferences with highly competitive acceptance rates. The faculty members have been invited to speak in various academic and industrial meetings, delivering a total of over 106 technical talks.

The research in the School has been funded extensively by federal agencies such as NSF, DoD, and DoE and by industrial sponsors, with a total of over \$10 million new research grants secured between 2011 and 2016.

The School's faculty have been highly active in professional services. Since 2011, they have served on 19 journal editorial boards, over 100 conference technical committees, and numerous NSF panels.

The achievements of the faculty have been recognized by several awards, including two IEEE Fellows (2010 and 2011), two NSF CAREER Awards (2009 and 2011), and a UL Lafayette Distinguished Professor Award (2011).

Publications, Presentations, Editorships, and Talks

Books Published

1. Francesco Bonchi, Josep Domingo-Ferrer, Ricardo A. Baeza-Yates, Zhi-Hua Zhou, **X. Wu**, Proceedings of the 16th IEEE International Conference on Data Mining (ICDM 2016), December 12-15, 2016, Barcelona, Spain. ISBN 978-1-5090-5472-5.
2. M.A. Najjar, M. Ghantous, and **M. Bayoumi**. "Video Surveillance for Sensor Platforms – Algorithms and Architectures." Springer, 2014, ISBN 978-1-4614-1856-6.
3. Tarek Elarabi and **M. Bayoumi**. "High – Throughput MPEG-2 to H.264/AVC Transcoding for Real-Time Video Applications." Springer, 2014.
4. **S. Dasgupta**. "The Golden Jubilee." Amaryllis, Bhopal, India, 2013.
5. A. Abdelgawad and **M. Bayoumi**. "Resource-Aware Data Fusion Algorithms for Wireless Sensor Networks", Springer, 2012.
6. A. Khattab, **D. Perkins**, **M. Bayoumi**. Cognitive Radio Networks: From Theory to Practice. Springer Verlag, New York, August 2012. ISBN: 10:1461440327; ISBN-13: 9738-1461440321.
7. **A. Kumar**, **J. Etheredge**, and H. Boudreaux, editors. "Algorithmic and Architectural Gaming Design: Implementation and Development." *IGI Global Inc.*, 2012.
8. Y. Ismail and **M. Bayoumi**. "Smart Algorithms and Architectures for Real Time Video Transmission." VDM Verlag Dr. Müller, 2011.
9. **S. Dasgupta**. "It Began with Babbage: The Genesis of Computer Science." New York: Oxford University Press, 2014.
10. **S. Dasgupta**. "Computer Science: A Very Short Introduction." Oxford University Press, 2014.
11. **M. Jin**, X. Gu. "Conformal Geometry – Computational Algorithms and Engineering Applications." Publisher: Springer, 2014.
12. **A. Kumar**, **J. Etheredge**, and Aaron Boudreaux. *Algorithmic and Architectural Gaming Design*, ISBN 978-1-466-1634-9, Published by IGI Global Inc., USA, May 2012.

Book Chapters

1. Deepak Poola, **Mohsen Amini Salehi**, Kotagiri Ramamohanarao, Rajkumar Buyya, "A Taxonomy and Survey of Fault-Tolerant Workflow Management Systems in Cloud and Distributed Computing Environments", a chapter in Software Architectures for Cloud and Big Data Book, in press, 2016.
2. **A. Maida**. "Cognitive Computing and Neural Networks: Reverse Engineering the Brain," *Handbook of Statistics: Cognitive Computing*, V. N. Gudivada, V. V. Raghavan, V. Govindaraju, C. R. Rao, Elsevier, 35, 2016.
3. Murali K. Pusala, **Mohsen Amini Salehi**, J. R. Katukuri, Y. Xie, and Vijay V. Raghavan, "Massive Data Analysis: Tasks, Tools, Applications and Challenges," in Big Data Analytics- Methods and Applications, (S. Pyne, B. L. S. Prakasa Rao and S. B. Rao eds.), Chapter 2, Springer-Verlag, New Delhi, pp. 33-46, 2016 (ISBN 978-8-132-23626-9).
4. Charles LeDoux and **A. Lakhota**. "Malware and Machine Learning," *Intelligent Methods for Cyber Warfare*. Ronald Yager, Marek Reformat, and Naif Alajilan, eds.

- Springer International Publishing. pp. 1-42 ISBN: 978-3-319-08623-1 (Book Chapter) 2015.
5. B. Shah, R. Benton, Z. Wu, and **V.V. Raghavan**. "A Comprehensive Granular Model for Decision Making with Complex Data," *Granular Computing and Decision Making: Interactive and Iterative Approaches*, (W. Pedrycz and S-M. Chen, eds.), Springer-Verlag, Berlin-Heidelberg, pp. 33-46, ISBN: 978-3-319-16828-9), 2015.
 6. Murali Pusala, **M. A. Salehi**, Jayasimha Katukuri, Ying Xie, and **V. V. Raghavan**. "Massive Data Analysis: Applications and Challenges." To appear in *Big Data Analytics*, Springer Book, March 2015.
 7. **S. Dasgupta**. "From Sciences of the Artificial to Cognitive History," in R. Frantz & L. Marsh (ed.), *Minds, Models and Milieux: Commemorating the Centenary of Herbert Simon's Birth*. Palgrave Macmillan (Forthcoming), 2015.
 8. V.N. Gudivada, Dhana Rao, and **V.V. Raghavan**. "Big Data Driven Natural Language Processing Research and Applications," in *Big Data Analytics: Handbook of Statistics* (V. Govindaraju, **V.V. Raghavan**, C.R. Rao, Eds.), Elsevier, Amsterdam, Vol. 33, pp. 203-238, 2015.
 9. William R. Sherman, Gary L. Kinsland, **C.W. Borst**, Eric Whiting, Jurgen P. Schulze, Philip Weber, Albert Y. M. Lin, Aashish Chaudhary, Simon Su, and Daniel S. Coming. "Immersive Visualization for the Geological Sciences." *Handbook of Virtual Environments: Design, Implementation, and Applications*, Second Edition, CRC Press, pp. 1231-1264, 2014.
 10. Ruttenberg, Brian, Craig Miles, Lee Kellogg, Vivek Notani, Michael Howard, Charles LeDoux, **A. Lakhota**, and Avi Pfeffer. "Identifying Shared Software Components to Support Malware Forensics." In *Detection of Intrusions and Malware, and Vulnerability Assessment*, pp. 21-40. Springer International Publishing, 2014.
 11. **M.A. Salehi**, Jemal Abawajy, and Rajkumar Buyya. "Taxonomy of Contention Management in Interconnected Distributed Computing Systems." *Computing Handbook Set*, CRC Press, 2013.
 12. **S. Dasgupta**. "Epistemic Complexity and the Sciences of the Artificial." H. Anderson, D. Dieks, W.J. Gonzalez, T. Uebel & G. Wheeler (ed.), *New Challenges to Philosophy of Science*. Springer, pp. 313-323, 2013.
 13. **S. Dasgupta** (Forthcoming). "The Historicity of Creativity," W. Gonzalez (ed.), *Creativity, Innovation and Complexity in Science*. Netbiblio (In press).
 14. **S. H-Y. Hsu**, R. Gottumukkala, **R.G. Benton**, J. R. Guilbeau, A. Chiu. Real-Time Flu Monitoring System and Decision Informatics. In *Datapalooza Technology Challenge Semi-finalist Projects*. Surescripts eBook, Washington, D.C., 2013.
 15. Terrence Chambers, Amit Aglawe, **D. Reiners**, Steven White, **C. W. Borst**, Mores Prachaybrued, and Abhishek Bajpayee. "Real-Time Simulation for a Virtual-Reality Based MIG Welding Training System," in press, *Virtual Reality*, Springer, Vol. 15, No. 1, pp. 45-55, March 2012. Ahmed Khattab, **D. Perkins**, and **M. Bayoumi**. "Cognitive Radio Networks: From Theory to Practice." Springer, New York, ISBN-10:1416440327; ISBN-13:978-1461440321, August 2012.
 16. Steven White, Mores Prachyabrued, Terrence L. Chambers, **C.W. Borst**, and **D. Reiners**. "Low-cost Simulated MIG Welding for Advancement in Technical Training." *Virtual Reality*, Springer, Vol. 15, No. 1, pp. 69-81, March 2011. A. Fekih, S. Golconda, J.

- Herpin, **A. Lakhotia**. "Steering Controller of the CajunBot II," Chapter 8, pp.195-207, *Experience from the DARPA Urban Challenge*. Springer, 2012.
17. **B.P. West**. Powerpoint and Test Bank Author. *Information Systems: A Practical Approach*, by F. Belanger and C. V. Slyke, 2011.

Edited Volumes

1. **X. Wu**, Editor-in-Chief, Springer Book Series on *Advanced Information and Knowledge Processing (AI & KP)*, 2016 - Present.
2. **V.V. Raghavan**, Editor-in-Chief. Technical Committee Bulletin, IEEE-CS for Intelligent Informatics, 2015.
3. **V.V. Raghavan**, Co-Editor-in-Chief. Web Intelligence Journal, 2015 – Present.
4. **V.V. Raghavan**, V.N. Gudivada, and R. Baeza-Yates, (Guest Editors). *Special Issue on Big Data Management*, IEEE Computer, Vol 48, Issue 3, IEEE Computer Society, Los Alamitos, CA, March 2015.
5. **V.V. Raghavan**, V. Govindaraju, and C.R. Rao (Editors). *Big Data Analytics: Handbook of Statistics*, Vol. 33, Elsevier, Amsterdam, Netherlands, ISBN: 978-0-444-63492-4, July 2015.
6. **V.V. Raghavan**, Co-Editor. Elsevier Handbook of Statistics on Cognitive Computing – Theory and Applications, Vol. 35, 2015-2016.
7. **H. Wu**, Guest Editor. *Advances in Underwater Acoustic Sensor Networks*. IEEE Sensors Journal Special Issue, 2014.
8. **H. Wu**, Editor. IEEE Internet of Things Journal, 2014.
9. **H. Wu**, Associate Editor. IEEE Transactions on Parallel and Distributed Systems (TPDS), 2014.
10. **H. Wu**, Area Editor. Elsevier Computer Communications, 2014.
11. **H. Wu**, Editor. KSII Transactions on Internet and Information Systems, 2014.
12. **H. Wu**, Editor. Journal of Mobile Computing (MC), 2014.
13. **H. Wu**, Editor. International Journal of Ad Hoc & Sensor Wireless Networks (AHSWN), 2014.
14. **V.V. Raghavan**, Associate Editor. ACM Transactions on Internet Technology, 2014 – Present.
15. **V.V. Raghavan**, Associate Editor. International Journal of Computer Science & Applications, 2014 – Present.
16. **V.V. Raghavan**, Associate Editor. Web Intelligence and Agent Systems (WIAS) Journal, 2013-2015.
17. **V.V. Raghavan**, Xiaohua Hu, Tsau Young Lin, Benjamin W. Wah, Ricardo A. Baeza-Yates, Geoffrey Fox, Cyrus Shahabi, Matthew Smith, Ziang Yang, Rayid Ghani, Wei Fan, Ronny Lempel, and Raghunath Nambiar (Editors). *Proceedings of the 2013 IEEE International Conference on Big Data*. Santa Clara, CA, IEEE Computer Society, Los Alamitos, CA.
18. **V.V. Raghavan**, S. Ruegar, T. Yamaguchi, and Y. Zhang, Editors. *Proceedings of the 2013 IEEE/WIC/ACM International Conference on Web Intelligence (WI-IAT 2013)*. Atlanta, GA, IEEE Computer Society, Los Alamitos, CA, Nov. 17-20, 2013.

19. **V.V. Raghavan**, X. Hu, C-J. Liau, and J. Treur, Editors. *Proceedings of the 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technologies (WI-IAT 2013)*. Atlanta, GA, IEEE Computer Society, Los Alamitos, CA, Nov. 17-20, 2013.
20. D. Nagamalai, **A. Kumar**, and A. Annamalai (Eds.). *Advances in Computational Science, Engineering and Information Technology*. Proceedings of the Third International Conference on Computational Science, Engineering and Information Technology, Turkey, 2013.
21. **A. Kumar** (editor in chief). *International Journal of Embedded Systems and Applications (IJESA)*, Volume 3, pp. 1-3, 2013.
22. **V.V. Raghavan**, S. Ruegar, I. King, and X.J. Huang, guest editors. *Neurocomputing-Special Issue on Advances in Web Intelligence*, Vol. 76, No. 1, pp. 48-146, 2012.
23. **C. Borst**, Co-Editor. *Advances in Visual Computing*. Lecture Notes in Computer Science (LNCS) Vols. 6938, 2011.
24. **C. Borst**, Co-Editor. *Advances in Visual Computing*. Lecture Notes in Computer Science (LNCS) Vols. 6939, 2011.
25. **V.V. Raghavan**, Editor-in-Chief. *The IEEE Intelligent Informatics Bulletin*, Vol. 11 & 12, No. 1, December 2011.
26. **V.V. Raghavan**, Editor-in-Chief. *Bulletin of the IEEE TC on Intelligent Informatics*, 2010 – Present.
27. **V.V. Raghavan**, Associate Editor. *ACM Transactions on Internet Computing (ACM-TOIT)*.

Journal Papers (Published or Accepted)

1. X.-Y. Xiang, S. Ghose, O. Mutlu, and **N.-F. Tzeng**, Model for Application Slowdown Estimation in On-Chip Networks and Its Use for Improving System Fairness and Performance, *Proceedings of 34th IEEE International Conference on Computer Design (ICCD 2016)*, October 2016, pp. 456-463.
2. W. Shu and **N.-F. Tzeng**, Relinquishment Coherence for Enhancing Directory Efficiency in Chip Multiprocessors, *Proceedings of 34th IEEE International Conference on Computer Design (ICCD 2016)*, October 2016, pp. 372-375.
3. X.-Y. Xiang and **N.-F. Tzeng**, Deflection Containment for Bufferless Network-on-Chips, *Proceedings of 30th IEEE International Parallel & Distributed Processing Symposium (IPDPS 2016)*, May 2016, pp. 113-122.
4. **Michael W. Totaro**, Computing and Network Systems Administration, Operations Research, and System Dynamics Modeling: A Proposed Research Framework, *Proceedings of the 7th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2016*, Orlando, Florida, March 8-11, 2016. (Note: This paper was among the best 20%-25% of the papers presented.)
5. Kui Yu, Wei Ding, and **X. Wu**, LOFS: A Library of Online Streaming Feature Selection, *Knowledge-Based Systems*, 113 (2016): 1-3.
6. **Michael W. Totaro**, Computing and Network Systems Administration, Operations Research, and System Dynamics Modeling: A Proposed Research Framework, *Journal of Systemics, Cybernetics and Informatics (JSCI)*, 14 (2016), 6: 83-88.
7. **Mohsen Amini Salehi**, Jay Smith, Anthony A. Maciejewski, Howard Jay Siegel, Edwin K. P. Chong, Jonathan Apodaca, Luis D. Briceno, Timothy Renner, Vladimir Shestak,

- Joshua Ladd, Andrew Sutton, David Janovy, Sudha Govindasamy, Amin Alqudah, Rinku Dewri, Puneet Prakash, “Stochastic-based Robust Dynamic Resource Allocation for Independent Tasks in a Heterogeneous Computing System”, *Journal of Parallel and Distributed Computing (JPDC)*, Volume 97, pages: 96-111, Nov. 2016.
8. A. Tavanaei and **A. S. Maida**. “Taining a hidden Markov model with a Bayesian spiking neural network.” *Journal of Signal Processing Systems*, 1-10, 2016, doi:10.1007/s11265-016-1153-2.
 9. John R. Tanner, Thomas C. Noser, **Michael W. Totaro**, and Thanh-Ngoc Pham, Business Students’ Performance in Undergraduate Business Statistics: Is There Really a Connection to Mathematical Skills? *Journal of Business and Economic Perspectives (JBEP)*, XLIII (2016), 2: 76-87.
 10. R. Hada, **H. Wu**, and **M. Jin**, “Scalable Minimum-Cost Balanced Partitioning of Large-Scale Social Networks: Online and Offline Solutions”, *IEEE Transactions on Parallel & Distributed Systems (TPDS)*, accepted, 2016.
 11. Karen Burstein, Graig J Forsyth, Raymond Biggar, **Sonya Hsu**, Steven Dick, Paula Zeanah (2016). A Theoretical Model for preparing incarcerated youth for careers in an increasingly technological world: Computational logic as a vehicle for improving human decision-making skills. *Journal of Criminal Justice Education* (accepted; in process).
 12. Mores Prachyabrued and **Christoph W. Borst**, Design and Evaluation of Visual Interpenetration Cues in Virtual Grasping, *IEEE Transactions on Visualization and Computer Graphics*, 2016, vol. 22 no. 6, 1718-1731.
 13. **Mohsen Amini Salehi**, Jay Smith, Anthony A. Maciejewski, Howard Jay Siegel, et.al. “Stochastic-Based Robust Dynamic Resources Allocation in Heterogeneous Computing System.” Submitted to *Journal of Parallel and Distributed Computing (JPDC)*, May 2015.
 14. **D. Zhao**, Y. Wang, H. Wu, and T. Kikkawa. “I (Re) 2-WiNoC: Exploring Scalable Wireless On-Chip Micronetworks for Heterogeneous Embedded Many-Core SoCs,” to appear in *Elsevier Journal of Digital Communications and Networks*, 2015.
 15. Deepak Poola, **M.A. Salehi**, Kotagiri Ramamohanarao, and Rajkumar Buyya. “A Taxonomy and Survey of Fault-Tolerant Workflow Management Systems in Cloud and Distributed Computing Environments,” submitted to *ACM Computing Survey*, April 2015.
 16. Mores Prachyabrued and **C.W. Borst**. “Design and Evaluation of Visual Interpenetration Cues in Virtual Grasping,” *IEEE Transactions on Visualization and Computer Graphics*, in press (accepted), 2015.
 17. **A. Kumar and J. Etheredge**. “CajunSpot: Implementing a Secure, Robust, and Maintainable Parking Assistance Application,” submitted, *International Journal of Software Engineering and Applications*, 2015.
 18. **J. Etheredge**. “Analytical Hierarchical Process based System for Image Fusion,” submitted to *Signal and Image Processing Journal*, 2015.
 19. H. Zhou, H. Wu, S. Xia, and **M. Jin**, “Localized and Precise Boundary Detection in 3D Wireless Sensor Networks,” *IEEE/ACM Transactions on Networking (TON)*, Vol. 23, No. 6, pp. 1742-1754, 2015.
 20. Y. Yang, **M. Jin**, Y. Zhao, and H. Wu. “Distributed Information Storage and Retrieval in 3D Sensor Networks with General Topologies.” *IEEE/ACM Transactions on Networking (TON)*, Vol. 23, No. 4, pp. 1149-1162, 2015.

21. Paul W. Bible, Yuka Kanno, Lai Wei, Stephen R. Brooks, John J. O'Shea, Maria Morasso, **R. Loganantharaj** and Hong-Wei Sun. "ChIP-Seq Data Analysis Beyond Peak Calling: A User Friendly and Powerful Java Platform, PAPST, for Co-Localization Analysis," accepted with revision, *PLoS One*, Vol. 10, No. 5, May 13, 2015.
22. A. Tavanaei and **A.S. Maida**. "A Minimal Spiking Neural Network to Rapidly Train and Classify Handwritten Digits in Binary and 10-Digit Tasks," *International Journal of Advanced Research in Artificial Intelligence (IJARAI)*, Vol. 4, No. 7, <http://dx.doi.org/10.14569/IJARAI.2015.040701>, 2015.
23. Mila Dalla Preda, Roberto Giacobazzi, **A. Lakhotia**, and Isabella Mastroeni. "Abstract Symbolic Automata," *Proceedings of the 42nd ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages*, ACM, Mumbai, India, submitted/accepted in 2014, January 2015.
24. Sajjad Pourmohammad, Afef Fekih, and **D. Perkins**. "Stable Queue Management in Communications Networks," *Elsevier Journal for Control Engineering Practice*, Vol. 37, pp. 67-79, 2015.
25. R.N. Gottumukkala, S.R. Venna, and **V.V. Raghavan**. "Visual Analytics of Time-Evolving Large Graphs," Feature Article, *IEEE Intelligent Informatics Bulletin*, Vol. 16, No. 1, pp. 10-16, December 2015.
26. I. Jangjaimon and **N.-F. Tzeng**. "Effective Cost Reduction for Elastic Clouds under Spot Instance Pricing through Adaptive Checkpointing," *IEEE Transactions on Computers*, Vol. 64, Issue 2, pp. 396-409, February 2015.
27. Hongyu Zhou, Su Xia, **M. Jin**, and **H. Wu**. "Localized and Precise Boundary Detection in 3D Wireless Sensor Networks," accepted for publication in *IEEE/ACM Transactions on Networking*, 2015.
28. Yang Yang, **M. Jin**, Yao Zhao, and **H. Wu**. "Distributed Information Storage and Retrieval in 3D Sensor Networks with General Topologies," in *IEEE/ACM Transactions on Networking*, Vol. 23, No. 4, pp. 1149-1162, 2015.
29. Yang Liu, Yanyan Han, Zhipeng Yang, and **H. Wu**. "Efficient Data Query in Intermittently-Connected Mobile Ad Hoc Social Networks," in *IEEE Transactions on Parallel and Distributed Systems*, Vol. 26, No. 5, pp. 1301-1312, 2015.
30. Chuan Zhu, Shuai Wu, Guangjie Han, Lei Shu, and **H. Wu**. "A Tree-Cluster-Based Data-Gathering Algorithm for Industrial WSNs with a Mobile Sink," in *IEEE Access*, Vol. 3, pp. 381-396, 2015.
31. A. Rezaei, M. Daneshtalab, F. Safaei, and **D. Zhao**. "Hierarchical Approach for Hybrid Wireless Network-on-Chip in Many-core Era," in *Elsevier Journal of Computers and Electrical Engineering*, 2015 (in press).
32. **D. Zhao**, Y. Wang, H. Wu, and T. Kikkawa. "I (Re)²-WiNoC: Exploring Scalable Wireless On-Chip Micronetworks for Heterogeneous Embedded Many-Core SoCs," in *Elsevier Journal of Digital Communications and Networks*, Vol. 1, No. 1, pp. 4556, February 2015.
33. **M.A. Salehi**, Eric Rozier, and Saman Zonouz. "RESeED: A Secure Regular-Expression-based Search over Encrypted Data in Storage Cloud," submitted to *IEEE Transactions Cloud Computing (TCC)*, September 2014.
34. **S. Dasgupta**. "Science Studies *sans* Science: Two Cautionary Post-Colonial Tales." *Social Scientist*, **23**, 3, 2104. 2014.

35. **S. Dasgupta**. “From Sciences of the Artificial to Cognitive History.” To be published in R. Frantz (ed.), *Minds, Models and Miliux: Essays to Celebrate Herbert Simon’s Birth Centenary*, London: Palgrave Macmillan, (in press), 2014.
36. **M.A. Salehi**, Bahman Javadi, and Rajkumar Buyya. “Resource Provisioning Policies in Interconnected Virtualized Grids based on Lease Preemption.” *Journal of Concurrency and Computation: Practice and Experience (CCPE)*, DOI: 10.1002/cpe.3004, February 2014.
37. Mohamed O. Shaker and **M.A. Bayoumi**. “A Clock Gated Successive Approximation Register for A/D Conversions.” *Journal of Circuits, Systems and Computers*, Vol. **23**, Issue 2, February 2014.
38. E. Amini, Z. Jeddi, A. Khattab, and **M.A. Bayoumi**. “Performance Evaluation and Design Optimization for Flexible MIMD ECC Crypto Architecture.” *Journal of Low Power Electronics (JOLPE)*, in print, 2014. Y. Yang, **M. Jin**, Y. Zhao, and **H. Wu**. “Distributed Information Storage and Retrieval in 3D Sensor Networks with General Topologies.” *IEEE/ACM Transactions on Networking (TON)*, accepted 2014.
39. Su Xia, **H. Wu**, and **M. Jin**. “GPS-Free Greedy Routing with Delivery Guarantee and Low Stretch Factor on 2D and 3D Surfaces,” in *IEEE Internet of Things Journal*, Vol. **1**, No. 3, pp. 233-242, 2014.
40. R. Soosahabi, Naraghi-Pour, and **D. Perkins**, “Optimal Probabilistic Encryption for Secure Detection in Wireless Sensor Networks,” accepted for publication in *IEEE Transactions on Information Forensics and Security*, April 2014.
41. H. Zhou, **H. Wu**, S. Xia, and **M. Jin**, “Localized and Precise Boundary Detection in 3D Wireless Sensor Networks.” *IEEE/ACM Transactions on Networking (TON)*, accepted, 2014.
42. Z. Zhong, L. Shuai, **M. Jin**, and X.-H. Guo. “Anisotropic Surface Meshing with Conformal Embedding.” *Graphical Models*, Vol. **76**, No. 5, pp. 468-483, 2014.
43. S. Xia, **H. Wu**, and **M. Jin**. “GPS-Free Greedy Routing with Delivery Guarantee and Low Stretch Factor on 2D and 3D Surfaces.” *IEEE Internet of Things Journal (IoT-J)*, accepted, 2014.
44. Su Xia, Xiaotian Yin, **H. Wu**, **M. Jin**, Xianfeng David Gu, “Deterministic Greedy Routing with Guaranteed Delivery in 3D Wireless Sensor Networks”, in *Axioms*, Vol. **3**, No. 2, pp. 177-201, 2014.
45. Hongyu Zhou, Su Xia, **M. Jin**, and **H. Wu**. “Localized and Precise Boundary Detection in 3D Wireless Sensor Networks,” accepted for publication in *IEEE/ACM Transactions on Networking*, 2014.
46. Yang Liu, Yanyan Han, Zhipeng Yang, and **H. Wu**. “Efficient Data Query in Intermittently-Connected Mobile Ad Hoc Social Networks,” accepted for publication in *IEEE Transactions on Parallel and Distributed Systems*, 2014.
47. Yang Yang, **M. Jin**, Yao Zhao, and **H. Wu**, “Distributed Information Storage and Retrieval in 3D Sensor Networks with General Topologies,” accepted for publication in *IEEE/ACM Transactions on Networking*, 2014.
48. Yang Liu, Zhipeng Yang, Ting Ning, and **H. Wu**. “Efficient Quality-of-Service (QoS) Support in Mobile Opportunistic Networks,” in *IEEE Transaction on Vehicular Technology*, Vol. **63**, No. 9, pp. 4574-4584, 2014.
49. S. Xia, X. Yin, **H. Wu**, **M. Jin**, and X. Gu. “Deterministic Greedy Routing with Guaranteed Delivery in 3D Wireless Sensor Networks.” *Axioms Special Issue: Discrete*

Differential Geometry and its Applications to Imaging and Graphics, Vol. 3, No. 2, pp. 177-201, 2014.

50. L. Shuai, X.-H. Guo, **M. Jin**. "GPU-Based Computation of Discrete Periodic Centroidal Voronoi Tessellation in Hyperbolic Space." *Computer-Aided Design (CAD)*, Vol. 45, No. 2, pp. 463-472, 2013. Z. Zhong, L. Shuai, **M. Jin**, and X.-H. Guo. "Anisotropic Surface Meshing with Conformal Embedding," *Graphical Models*, accepted for publication.
51. S. Prakash, **A. Kumar**, and R. Mishra. "MVC Architecture Driven Design and Agile Implementation of a Web-Based Software System." *International Journal of Software Engineering and Applications*, Vol. 4, No. 6, November 2013.
52. R. Spears, C. Rivet, S. Killingsworth, **A. Kumar**, and **J. Etheredge**. "Designing and Creating a Game Engine for Use in the Classroom." *Computer Game Development and Education: An International Journal*, March 2013.
53. R. Chouchane, N. Stakhanova, A. Walenstein, **A. Lakhotia**. "Detecting Machine-Morphed Malware Variants via Engine Attribution." *Journal in Computer Virology and Hacking Techniques*, Springer Paris, Vol. 9, No. 3, pp. 137-157, 2013. DOI: 10.1007/s11416-013-0183-6.
54. **A. Lakhotia**, **A. Walenstein**, C. Miles, and A. Singh, "VILO: a rapid learning nearest-neighbor classifier for malware triage", *Journal of Computer Virology and Hacking Techniques*, Springer Paris, Vol. 9, No. 3, pp. 109-123, 2013. DOI: 10.1007/s11416-013-0178-3.
55. C. Miles, **A. Lakhotia**, and **A. Walenstein**. "In Situ Reuse of Logically Extracted Functional Components." *Journal in Computer Virology*, Springer Paris, Vol. 8, No. 3, pp. 73-84, 2012. DOI: 10.1007/s11416-012-0167-y.
56. Paul W. Bible, Yuka Kanno, Lai Wei, Stephen R. Brooks, John J. O'Shea, Maria Morasso, **R. Loganantharaj** and Hong-Wei Sun. "ChIP-Seq Data Analysis Beyond Peak Calling: A User Friendly and Powerful Java Platform, PAPST, for Co-Localization Analysis," accepted with revision, *Plos One*, 2014.
57. **R. Loganantharaj** and Thomas A. Randall. "An Overview and comparison of tools for RNA-seq assembly in Computational Methods for Next Generation Sequencing Data Analysis." Wiley Series in *Bioinformatics*, 2013.
58. W. Huang, **R. Loganantharaj**, B. Schroeder, D. Fargo, L. Li. "PAVIS: A tool for Peak Annotation and Visualization." *Bioinformatics*, Vol. 29, No. 23, pp. 3097-9, 2013. doi: 10.1093/bioinformatics/btt520. Epub 2013 Sep 4. PMID 24008416
59. **R. Loganantharaj**. "Exploration and Exploitation of Data in Bioinformatics," *Int J Bioinform Res Appl.*, 2012; Vol. 8 (1-2):1-3. PMID 22586749.
60. P. W. Bible and **R. Loganantharaj**. "A new algorithm for quantifying binding site pattern similarity with applications for Next Generation Sequencing." *Int J Bioinform Res Appl.* 2012; Vol. 8(1-2):4-17. doi: 10.1504/IJBRA.2012. PMID 22450267.
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169. C. Cruz-Neira, **D. Reiners**, J. P. Springer, C. Neumann, C. NS Odom, and K. Kehring. “An Integrated Immersive Simulator for the Dismounted Soldier” in *Interservice/Industry Training, Simulation & Education Conference (IITSEC) 2011*, Orlando, FL, Nov. 2011.
170. E. Cem, **M.E. Tozal**, K. Sarac. “Impact of Sampling Design in Estimation of Graph Characteristics.” *IEEE International Performance Computing and Communications Conference*, San Diego, California, USA, December 2013.
171. E. Blanton, **M.E. Tozal**, S. Fahmy, K. Sarac. “Location Matters: Eliciting Responses to Direct Probes.” *IEEE International Performance Computing and Communications Conference*, San Diego, California, USA, December 2013.
172. **M.E. Tozal** and K. Sarac. “Estimating Network Layer Subnet Characteristics via Statistical Sampling.” *IFIP/TC6 Networking*, Prague, Czech Republic, May 2012.
173. **M.E. Tozal**, Y. Wang, E. Al-Shaer, K. Sarac, B. Thuraishingham, B.-T. Chu. “On Secure and Resilient Telesurgery Communications over Unreliable Networks.” *IEEE INFOCOM CPNS*, Shanghai, China, April 2011.

174. **M.E. Tozal** and K. Sarac. "Subnet Level Network Topology Mapping." *IEEE International Performance Computing and Communications Conference*, Orlando, Florida, USA, November 2011.
175. P. Sigdel and **N.-F. Tzeng**. "Design and Evaluation of Redundant Arrays of SSDs with Efficient Buffering," submitted to *13th USENIX Conference on File and Storage Technologies (FAST'15)*, 2015.
176. I. Jangjaimon and **N.-F. Tzeng**. "Design and Implementation of Effective Checkpointing for Multithread Applications on Future Clouds." *Proc. of IEEE 6th Int'l Conference on Cloud Computing (IEEE CLOUD 2013)*, June-July 2013.
177. I. Jangjaimon and **N.-F. Tzeng**. "Adaptive Incremental Checkpointing via Delta Compression for Networked Multicore Systems." *Proc. of 2013 IEEE Int'l Parallel & Distributed Processing Symposium (IPDPS)*, May 2013, pp. 7-18.
178. C. Chou, F. Pong, and **N.-F. Tzeng**. "Speedy FPGA-Based Packet Classifiers with Low On-Chip Memory Requirements." *Proceedings of the 20th ACM/SIGDA International Symposium on Field Programmable Gate Arrays (FPGA 2012)*, February 2012, pp. 11-20.
179. I. Chang-Yen and **N.-F. Tzeng**. "Deploying Virtual Clusters through P2P-based Content Distribution." *Proceedings of IEEE 11th International Symposium on Network Computing and Applications (NCA'12)*, August 2012, pp. 167-170.
180. A. Lewis and **N.-F. Tzeng**. "Thermal-Aware Scheduling in Multicore Systems using Chaotic Attractor Proceedings." *Proceedings of Fourth Workshop on Energy-Efficient Design (WEED 2012, in conjunction with 39th Annual Int'l Symposium on Computer Architecture)*, June 2012.
181. M. Madani, T. Pham, and **N.-F. Tzeng**. "Thermal Transient Characteristics of Microhotplates in Gaseous Sensor Arrays with Silicon Aerogel for Heat Insulation." *Proceedings of 2012 IEEE Sensors Applications Symposium (SAS 2012)*, February 2012.
182. J. Maneesilp, A. Mai, **N.-F. Tzeng**, and H. Wu. "Efficient RFID Placement for Full Coverage of 3-D Space." *Proceedings of 5th Annual IEEE International Conference on RFID (RFID 2011)*, April 2011.
183. T. Luo, S. Kanhere, H-P. Tan, F. Wu, and **H. Wu**. "Crowdsourcing with Tullock Contests: A New Perspective," in *IEEE International Conference on Computer Communications (IEEE INFOCOM)*, Hong King, China, April 26 – May 1, 2014. (Acceptance ratio: 19%).
184. Su Xia, **H. Wu**, and **M. Jin**. "Trace-Routing in 3D Wireless Sensor Networks: A Deterministic Approach with Constant Overhead," in *ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)*, pp. 357-366, Philadelphia, PA, August 11-14, 2014. (Acceptance ratio: 18.9%).
185. Yang Yang, **M. Jin**, **H. Wu**. "3D Surface Localization with Terrain Model," in *IEEE International Conference on Computer Communications (INFOCOM)*, pp. 46-54, Toronto, Canada, April 27 – May 2, 2014. (Acceptance ratio: 19.4%).
186. Yanyan Han, Zhipeng Yang, **H. Wu**, and Deshi Li. "Delay-Constrained Single-Copy Multi-Path Data Transmission in Mobile Opportunistic Networks," in *IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)*, Singapore, June 3-July 3, 2014. (Acceptance ratio: 28.9%).
187. Y. Zhao, **H. Wu**, **M. Jin**, Y. Yang, H. Zhou, and S. Xia. "Cut-and-Sew: A Distributed Autonomous Localization Algorithm for 3D Surface Wireless Sensor Networks," in

- ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)*, pp. 69-78, Bangalore, India, July 29-August 1, 2013. (Acceptance ratio: 10%)
188. T. Ning, Z. Yang, **H. Wu**, and Z. Han. "Self-Interest-Drive Incentives for Ad Dissemination in Autonomous Mobile Social Networks," in *IEEE International Conference on Computer Communications (INFOCOM)*, pp. 2358-2366, Turin, Italy, April 14-19, 2013. (Acceptance ratio: 17%)
 189. H. Zhou, **H. Wu**, and **M. Jin**. "A Robust Boundary Detection Algorithm Based on Connectivity Only for 3D Wireless Sensor Networks," in *IEEE International Conference on Computer Communications (INFOCOM)*, pp. 1602-1610, Orlando, FL, March 25-30, 2012. (Acceptance ratio: 18%)
 190. Y. Zhao, **H. Wu**, **M. Jin**, and S. Xia. "Localization in 3D Surface Sensor Networks: Challenges and Solutions," in *IEEE International Conference on Computer Communications (INFOCOM)*, pp. 55-63, Orlando, FL, March 25-30, 2012. (Acceptance ratio: 18%)
 191. S. Xia, X. Yin, **H. Wu**, **M. Jin**, and X. Gu. "Deterministic Greedy Routing with Guaranteed Delivery in 3D Wireless Sensor Networks" in *ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)*, pp. 1-10, Paris, France, May 6-20, 2011. (Acceptance ratio: 19.7%)
 192. Z. Yang and **H. Wu**. "Mobile Node Rostering in Intermittently Connected Passive RFID Networks," in *IEEE Pervasive Computing and Communication (PerCom)*, pp. 138-146, Seattle, USA, March 21 - 25, 2011. (Acceptance ratio: 11% for full papers)
 193. H. Zhou, **H. Wu**, S. Xia, **M. Jin** and N. Ding. "A Distributed Triangulation Algorithm for Wireless Sensor Networks on 2D and 3D Surface," in *IEEE International Conference on Computer Communications (INFOCOM)*, pp. 1053-1061, Shanghai, China, April 10-15, 2011. (Acceptance ratio: 16%)
 194. T. Ning, Z. Yang, X. Xie, and **H. Wu**. "Incentive-Aware Data Dissemination in Delay-Tolerant Mobile Networks," in *IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)*, pp. 539-547, Salt Lake City, Utah, June 27-30, 2011. (Acceptance ratio: 27%)
 195. A. Rezaei, M. Daneshtalab, **D. Zhao**, F. Safaei, and X. Wang. "Dynamic Application Mapping Algorithm for Wireless Network-on-Chip." Accepted, *23rd Euromicro International Conference on Parallel, Distributed and Network-Based Processing (POP'15)*, Turku, Finland, March 4-6, 2015.
 196. U. Chandran and **D. Zhao**. "Cos-Optimal Design of Wireless Pre-bonding Test Framework." *Proceedings of the 27th IEEE International System-on-Chip (SOCC'14)*, Las Vegas, NV, September 2-5, 2014.
 197. R. Wu and **D. Zhao**. "Load Adaptive Multi-Channel Distribution and Arbitration in Unequal RF Interconnected WiNoC." *Proceedings of the 45th IEEE International Symposium on Circuits and Systems (ISCAS'14)*, Melbourne, Australia, June 1-5, 2014.
 198. A. Rezaei, M. Daneshtalab, and **D. Zhao**. "CeTaM: Efficient Task Migration Strategy for NoC-based MCSocS," submitted to *DAC'15*.
 199. A. Rezaei, F. Safaei, M. Daneshtalab, H. Tenhunen, and **D. Zhao**. "CAMA: Congestion-Aware Dynamic Mapping Approach for Wireless NoC," submitted to *DATE'15*.

200. R. Wu and **D. Zhao**. “Integrated Routing and Channel Arbitration in Overlaid Mesh WiNoC,” in *IEEE International System-on-Chip Conference (SOCC’13)*, Sept. 4-6, 2013. (Acceptance Ratio: 31%)
201. U. Chandran, **D. Zhao** and R. Jayabharathi. “Hybrid 3D Pre-bonding Test Framework Design,” in *IEEE European Test Symposium (ETS’13)*, May 27-30 2013. (Acceptance Ratio: 24%)
202. **D. Zhao** and R. Wu. “Overlaid Mesh Topology Design and Deadlock Free Routing in Wireless Network-on-Chip,” in *IEEE International Symposium on Networks-on-Chips (NOCS’12)*, May 2012. (Acceptance Ratio: 27%)
203. Y. Wang, **D. Zhao** and J. Li. “DuSCA: A Multi-Channeling Strategy for Doubling Communication Capacity in Wireless NoC,” in *IEEE International Conference on Computer Design (ICCD’12)*, Sept. 2012.
204. **D. Zhao** and Y. Wang. “Design of A Scalable RF Microarchitecture for Heterogeneous MPSoCs,” in *IEEE International SoC Conference (SOCC’12)*, Sept. 2012. (Acceptance Ratio: 31%)
205. **D. Zhao**, Y. Wang, J. Li and T. Kikkawa. “Design of Multi-Channel Wireless NoC to Improve On-Chip Communication Capacity,” in *IEEE International Symposium on Networks-on-Chips (NOCS’11)*, May 2011. (Acceptance Ratio: 27%)
206. R. Wu and **D. Zhao**. “Unequal RF Interconnected Wireless Network-on-Chip to Improving On-Chip Communication Performance,” in *ACM/IEEE Design Automation Conference (DAC’11) poster session*, June 2011.

Posters and Demonstrations

- Nicholas G. Lipari, Christoph W. Borst, Toward Vibrotactile Rendering for Irregular 2D Tactor Arrays, *IEEE 3DUI 2016*, 257-258.
- Christoph W. Borst, Kenneth A. Ritter III, Terrence L. Chambers, Virtual Energy Center for Teaching Alternative Energy Technologies, *IEEE VR 2016*, 157-158.
- Mohammad A. Sharif and **V.V. Raghavan**. “Scalable Hybrid Approach for Web Page Recommendation,” *2015 Frontiers in Service Conference, Concurrent Session: Session 6-1*, San Jose, CA, July 9-12, 2015.
- Poster with 2-page abstract in proceedings. M. Prachyabrued and **C.W. Borst**. “Design and Evaluation of Visual Feedback for Virtual Grasp,” *IEEE VR*, pp. 109-110, 2014.
- **C.W. Borst**. Public Lecture, ArTech fusion at Acadiana Center for the Arts, Lecture on Virtual Reality, March 2014.
- **C.W. Borst**. Public Demonstration of virtual reality systems at Smart Festival, Oct. 2014.
- **C.W. Borst**. UL Lafayette Demonstration of virtual reality systems for Science Day, 2014.
- **C.W. Borst**. Demonstrations, recruiting and promotions to visitors from CLECO, CACS Industry “Brain Trust” Lafayette High School, Xavier University, etc., 2014.
- Reviewed poster with 2-page abstract in proceedings. P.B. Raghupathy and **C.W. Borst**. “Force Feedback and Visual Constraint for Drawing on a Terrain: Path Type, View Complexity, and Pseudohaptic Effect,” *3DUI 2012*, pp. 157-158.
- Poster. G.L. Kinsland, S. Kushiyama, and **C.W. Borst**. “LIDAR and gravity data combined to establish cross-cutting relationships of features on the surface of the Prairie

Alloformation near Lafayette, Louisiana.” Gulf Coast Association near Lafayette, Louisiana, Gulf Coast Association of Geological Societies, 2012.

- **R. Loganantharaj** and Dr. Karl Hasenstein. “Understanding Draught Resistance in Plants RNA-seq of Polypodium polypodiosdes,” poster at MCBIOS Conference, 2014.
- Elshaimaa Ali, Michael Lauruhn and **V.V. Raghavan**. “Wikipedia-based Extraction of Lightweight Ontologies for Concept Level Annotation.” *Proceedings of the International Conference on Dublin Core and Metadata Applications (DC 2014)*, Austin, Texas, October 2014.
- Ying Xie, Jing Selena He and **V.V. Raghavan**. “A MapReduce Algorithm for Identifying Minimum-Sized Influential Vertices on Big Weighted Graph.” *Proceedings of the IBM Cloud Academy Conference (ICA CON 2014)*, Atlanta, GA, May 8-9, 2014.

Patents

- **M.A. Salehi**, Rajkumar Buyya, Krishnamurthy Sai Deepak, and Radha Krishna Pisipati, “Methods and Systems for energy management in a virtualized datacenter”, U.S. Patent #9213575, November 2015.
- **V.V. Raghavan**, “System, method and computer program product for information sorting and retrieval using a language-modeling kernel function”, Araicom Research L.L.C., US9177047, Issued November 3, 2015.
- **A. Lakhotia**, M. E. Karim and **A. Walenstein**, “Phylogeny Generation,” US Patent Number 7,873,947, January 18, 2011.
- **A. Lakhotia**, “Improved System and Method for Identifying and Comparing Code by Semantic Abstractions,” US Patent Application 14/143,823, December 31, 2013.
- Shixian Chu, **H. Chu**, Jin-feng Chen, **V.V. Raghavan** and Zonghuan Wu, “Method and apparatus for information visualized expression, visualized human computer interactive expression interface thereof”, Senovation L.L.C., US8,732,621 B2, Issued May 20, 2014.
- **V.V. Raghavan**, 2013 Semantic Relationship Extraction, Text Categorization and Hypothesis Discovery, Araicom Research, L.L.C., US8494987, Issued July 23, 2013.

Keynote Presentations and Invited Talks

1. **M. Jin**, Invited talk, “Computational Conformal Geometry”. The 1st Mid-South Theory Day, Baton Rouge, LA. December 2016.
2. **M. A. Salehi**, keynote talk. “Optimal Resource Allocation in Heterogeneous Distributed Systems.” IEEE International Conference on Computer and Knowledge Engineering (ICCKE’15), Mashhad, Iran, October 2015.
3. **M. A. Salehi**, invited talk. “Research Trends in Cloud Computing and Big-data.” Computer Engineering Department, Ferdowsi University, Iran, July 2015.
4. **M. A. Salehi**, *invited talk*. “Constructing Community Clouds for Natural Disaster Management,” in NSF Early Career Workshop, Seattle, WA, April 2015.
5. **M. A. Salehi**, invited talk. “Big Data Security for Unstructured Data on Cloud,” Sensor Cloud Lab. Computer Science Dept., RMIT University, Australia, January 2015.

6. **A. Lakhotia.** Presentation, “Defusing Targeted Cyberattacks using Malware Intelligence,” *2015 Malware Reverse Engineering Workshop*, Melbourne, Australia, October 2015.
7. **A. Lakhotia.** Presentation, “Attacking and Defending Computer Programs,” *NICTA*, Sydney, Australia, October 2015.
8. **A. Lakhotia.** Presentation, “Harnessing Intelligence from Malware Repositories,” *Blackhat Briefings*, Las Vegas, NV, August 2015.
9. **A. Lakhotia.** Presentation, “Binary Analysis.” *6th International Summer School on Software Protection*, Rio de Janeiro, Brazil, July 2015.
10. **A. Lakhotia.** Presentation, “Extracting Intelligence from Malware.” Graduate Seminar, Amrita University, Amritapuri, India, January 2015.
11. **V.V. Raghavan.** “Visual Analytics of Large Time-Varying Graphs.” C.G. Khatri Memorial Lecture. C.R. Rao Prize Conference at Penn State University, College Station, PA, May 2015.
12. **V.V. Raghavan.** “Visual Analytics of Large-scale Evolving Networks.” C.G. Khatri Memorial Lecture, Penn State University, May 2015.
13. **V.V. Raghavan.** “Visual Analytics of Time-Evolving Large-scale Graphs.” CACS Seminar, University of Louisiana at Lafayette, March 2015.
14. **V.V. Raghavan.** “Visual Analytics of Time-Evolving Large-scale Graphs.” Short Course, 2015 International Winter School on Big Data, Tarragona, Spain, January 26-30, 2015. <http://grammars.grlmc.com/BigDat2015/courseDescription.php#VijayV.Raghavan>
15. **V.V. Raghavan, invited talk.** “Massive Data Analysis: Challenges and Applications.” University of Buffalo, March 2015.
16. **H. Wu, invited talk.** “3D Sensor Networks: Challenges and Solutions.” Department of Electrical and Computer Engineering, Virginia Tech University, October 2015.
17. **D. Zhao, invited talk.** “Five Forces Shaping Embedded Nanocomputing in Dark Silicon Era.” Department of Electrical Engineering, University of Washington, Seattle, WA, September 2015.
18. **D. Zhao,** panelist speaker. “Hardware Security and Trustworthy Computing.” 25th ACM/IEEE Great Lakes Symposium VLSI, May 2015.
19. **M.A. Bayoumi.** Plenary Lecture, “WSN: The Gate to Smart Systems.” Intel-Taiwan Research Center, National Taiwan University, Taiwan, August 2014.
20. **M.A. Bayoumi.** Presentation, “ICASSP 2017, New Orleans.” Conference Board, IEEE Signal Processing Society, ICASSP 2014, Florence, Italy. April 2014 and ICIP 2014, Paris, France, October 2014.
21. **M.A. Bayoumi.** Keynote Lecture, “Cognitive Wireless Sensor Networking.” IEEE Michigan Meeting, November 13, 2014.
22. **M.A. Bayoumi.** Plenary Lecture, “Cyber-Physical Systems: Reality, Dreams, and Fantasy.” ECE Dept., University of Oakland, November 14, 2014.
23. **M.A. Bayoumi.** Presentation, “ICECS 2015, Cairo, Egypt.” ISCAS 2014, Melbourne, Australia, and ICECS 2014, Marseille, France, December 2014.
24. **M.A. Bayoumi.** Presentation, “Final Report ICECS 2013.” Steering Committee, ICECS 2014, Marseille, France, December 2014.
25. **M.A. Bayoumi.** Distinguished Lecture, “Wireless Sensor Networks: Opportunities and Challenges.” IEEE Melbourne section, Melbourne, Australia, March 2013.

26. **M.A. Bayoumi.** *Invited Lecture*, “Cognitive Wireless Sensor Networks: The Road to Smart Systems.” Macquarie University, Sydney, Australia, March 2013.
27. **M.A. Bayoum.** *Invited Lecture*, “Cognitive Wireless Sensor Networks: The Road to Smart Systems.” Khalifa University of Science, Technology & Research (KUSTAR), UAE, April 2013.
28. **M.A. Bayoumi.** *Invited Lecture*, “Wireless Sensor Network for Oil/Gas Industry.” KUSTAR, UAE, April 2013.
29. **M.A. Bayoumi.** *Invited Lecture*, “The Value of ABET for Educational Programs.” KUSTAR, UAE, April 2013.
30. **M.A. Bayoumi.** *Plenary Lecture*, “An Integrated Paradigm for Low Energy Wireless Sensor Networks.” King Abdul Aziz City for Science and Technology, May 2013.
31. **M.A. Bayoum.** *Invited Lecture*, “Smart Systems: The New Generation of Wireless Sensor Networks.” Hong Kong University of Science and Technology, Hong Kong, October 2013.
32. **M.A. Bayoum.** *Invited Lecture*, “Wireless Sensor Networks: The Gate to Cyber-Physical Systems.” NCTU, Taiwan, October 2013.
33. **M.A. Bayoum.** *Invited Lecture*, “Smart Chips.” National Chip Implementation Center, Taiwan, October 2013.
34. **M.A. Bayoumi.** *A panel at SIPS2013*, “DSP Processors & Chips: Where To Go?” Taiwan, October 2013.
35. **M.A. Bayoumi.** *Distinguished Lecture*, “Smart Systems: The New Generation of Cyber-Physical Systems.” University of Bridgeport, November 2013.
36. **M.A. Bayoumi.** *Keynote Lecture*, “Cognitive WSN: The Gate to Smart Systems.” ICECS2013, Abu Dhabi, December 2013.
37. **M.A. Bayoumi.** *Invited talk*, “3D Technology: Challenges & Opportunities.” ICEAC2013, Istanbul, Turkey, December 2013.
38. **M.A. Bayoumi.** *Panel*, “Research & Graduate Study in the Middle East.” ICEAC2013, Istanbul, Turkey, December 2013.
39. **M.A. Bayoumi.** *Distinguished Lecture*, “Green Circuits and Systems.” University of Concordia, Montreal, Canada, April 13, 2012.
40. **M.A. Bayoumi.** *Distinguished Lecture*, “Green Wireless Sensor Networks.” University of Sofex, Tunisia, May 14, 2012.
41. **M.A. Bayoumi.** *Distinguished Lecture*, “Green WSNs: An Integrated Design Paradigm.” IEEE Green Mountain Section, Burlington, Vermont, June 1, 2012.
42. **M.A. Bayoumi.** *Distinguished Lecture*, “Wireless Sensor Networks for Smart Systems.” NCHU University, Taichung City, Taiwan, October 27, 2012.
43. **M.A. Bayoumi.** *Invited Lecture*, “Green Wireless Sensor Networks.” Intel Research Laboratory, Portland, Oregon, June 4, 2012.
44. **M.A. Bayoumi.** *Invited Lecture*, “WSNs: Challenges and Opportunities.” NSF Workshop, Cairo, Egypt, October 16, 2012.
45. **M.A. Bayoumi.** *Keynote Lecture*, “Cognitive Wireless Sensor Networks.” ITNG, Las Vegas, Nevada, April 17, 2012.
46. **M.A. Bayoumi.** *Keynote Lecture*, “Cognitive WSNs for Smart Systems.” IBM Technology Conference, Vermont, May 1, 2012.
47. **M.A. Bayoumi.** *Keynote Lecture*, “Cognitive WSNs for Smart Systems.” DTIS, Tunisia, May 16, 2012.

48. **M.A. Bayoumi.** Keynote Lecture, "Cognitive Wireless Sensors Networks: An Integrated Design Paradigm." M2M Workshop, Taipei, Taiwan, October 26, 2012.
49. **M.A. Bayoumi.** Keynote Lecture, "Cognitive Wireless Sensors Networks: The Key to Smart Systems." 25th International Conference on Computer Applications in Industry and Engineering (CAINE2012), New Orleans, Louisiana, November 14, 2012.
50. **M.A. Bayoumi.** Keynote Lecture, "Cognitive WSNs: Technology for Smart Systems." Future Technologies in Circuits and Systems Workshop, Bangkok, Thailand, November 27, 2012.
51. **M.A. Bayoumi.** Keynote Lecture, "Cognitive Wireless Sensor Networks." International Conference on Energy Aware Circuits, Cyprus, December 3, 2012.
52. **M.A. Bayoumi.** Invited Lecture, "Wireless Sensors Networks: Current and Future Challenges." American University, Beirut, Lebanon, December 12, 2011.
53. **M.A. Bayoum.** Moderator and Organizer of a panel, "Circuits and Systems Education: Facing the Global Challenge." IEEE International Conference on Electronics, Circuits, and Systems, Beirut, Lebanon, December 11-14, 2011.
54. **M.A. Bayoumi.** Keynote Lecture, "Green Microelectronic Chips." 2011 Workshop on Green Technology Circuits and Systems, University Putra Malaysia, Serdang, Selangor, November 14-15, 2011.
55. **M.A. Bayoumi.** IEEE Distinguished Lecture, "Wireless Sensor Networks." University Putra Malaysia, Serdan, Selangor, November 14-15, 2011.
56. **M.A. Bayoumi.** Keynote Lecture, "Wireless Sensor Networks for Oil Industry." Chip on the Cliffs Conference, Joao Pessoa City, Paraiba State, Brazil, September 1, 2011.
57. **M.A. Bayoumi.** IEEE Distinguished Lecture, "Cognitive Wireless Sensor Networks." Brasilia IEEE Section, September 5, 2011.
58. **M.A. Bayoumi.** Keynote Lecture, "Wireless Sensor Networks." 8th Argentine Regional Conference and Exhibition on NDT (VIII Corende). Buenos Aires, Argentina, August 10-12, 2011.
59. **M.A. Bayoumi.** IEEE Distinguished Lecture, "Green Computing." University of Buenos Aires, Buenos Aires, Argentina, August 10-12, 2011.
60. **M.A. Bayoumi.** Panel Organizer and Moderator, "What Kind of Technology (Silicon or III-V) for the Circuits and Systems in the Future Communication Satellites." 9th IEEE NEWCAS Conference, Bordeaux, France, June 27, 2011.
61. **M.A. Bayoumi.** Plenary Speaker, "An Integrated WSN System for Oil/Natural Gas Applications." 26th Wireless World Research Forum (WWRF26), Doha, Qatar, April 12, 2011.
62. **M.A. Bayoumi.** Invited Lecture, "The Center for Advanced Computer Studies: An Innovative Concept." King Saud University, January 10, 2011.
63. **M.A. Bayoumi.** Invited Lecture, "WSNs for Oil Industry Applications." King Saud University, January 12, 2011.
64. **M.A. Bayoumi.** Presentation: "ICASSP in New Orleans and Lafayette", Conference Board Meeting, *ICASSP2012*, Koyoto, March 29, 2012.
65. **M.A. Bayoumi.** Presentation: "ICASSP in New Orleans and Lafayette", Conference Board Meeting, *ICIP2012*, Orlando, Florida, October 2012.
66. **M.A. Bayoumi.** Panelist: "Renewable Energy in Southern Africa." 2nd IASTED International Conference on Power and Energy Systems, Gaborone, Botswana.

67. **S. Dasgupta.** European Science Foundation – Philosophy of Science Group Conference on Sciences of the Artificial, Bucharest, Romania, 2011.
68. **M. P. Gastineau.** “How to Use a Metacourse and Groups in Moodle.” Presenter, UL Lafayette Office of Distance Learning Share Fair, October 18, 2012, Lafayette, Louisiana.
69. **M. P. Gastineau.** “Microsoft Word” presenter, Louisiana Association of Municipal Secretaries & Assistants, September 13, 2012, New Iberia, Louisiana.
70. **M. P. Gastineau.** “Teach More, Maintain High Standards, Lower Workload!” Presenter, NBEA National Convention, Boston, Massachusetts, April 5, 2012.
71. **S. H-S. Hsu.** Invited presentation: "Big Data Analytics and HANA Development" at three universities in China.
72. **A. Lakhotia.** Keynote, “Fast Location of Similar Code Fragments using Semantic ‘Juice’.” Program Protection and Reverse Engineering Workshop, Rome, Italy.
73. **A. Lakhotia.** “Android Malware – Not Just an Old Win in New Bottle,” Keynote speaker. Third Workshop on Application and Techniques in Information Security, Melbourne, Australia.
74. **A. Lakhotia.** “Emerging 21st Century Challenges,” College IT Club. South Louisiana Community College, Ardoin Building, February 6, 2013.
75. **V.V. Raghavan.** “Representations for Large-Scale Sequence Data Mining: A Tale of Two Vector Space Models.” Key Note Lecture, Joint Rough Sets Symposium, Oct. 12, 2013, Halifax, Canada.
76. **V.V. Raghavan.** “Massive Data Analysis: Challenges and Applications,” invited lecture. Statistics 2013 International Conference (Stat2013), Dec. 30, 2013, Hyderabad, India.
77. **V.V. Raghavan.** “Representations for Large-Scale Sequence Data Mining: A Tale of Two Vector Space Models.” Jawaharlal Nehru Technical University (JNTU), Dec. 31, 2013, Hyderabad, India.
78. **V.V. Raghavan.** “Hypotheses Generation as Supervised Link Discovery with Automated Class Labeling on Large-Scale Biomedical Concept Networks.” Key Note Lecture, Hong Kong Baptist Univ., Dec. 12, 2012.
79. **V.V. Raghavan.** “Big Data-Perspectives, Problems and Research Trends.” Research Symposium Celebrating Centenary of Alan Turing’s Birth: Promises and Challenges of Future Computing and Informatics. Hong Kong Baptist Univ., Dec. 3, 2012.
80. **V.V. Raghavan.** “Hypotheses Generation as Supervised Link Discovery with Automated Class Labeling on Large-scale Biomedical Concept Network.” College of Information Science and Technology, Drexel University, Philadelphia, PA, Nov. 2012.
81. **V.V. Raghavan.** “Hypotheses Generation as Supervised Link Discovery with Automated Class Labeling on Large-scale Biomedical Concept Networks.” UL-CACS seminar series, Nov. 2012.
82. **V.V. Raghavan.** Center for Visual and Decision Informatics: An NSF Industry/University Center for Research Collaboration.” Cave Consortium Seminar Series, LITE Center, Lafayette, LA, April 2012.
83. **V.V. Raghavan.** “An Overview of String Kernel Methods for the Extraction of Protein-Protein Interactions from Literature.” College of Information Science and Technology, Drexel University, Philadelphia, PA, March 2011.

84. **M.W. Totaro.** "Insights into IT," presenter. Sponsored by South Louisiana Community College IT Club February 6, 2013, South Louisiana Community College, Ardoin Building, Lafayette, Louisiana.
85. **M.E. Tozal.** "Graph Sampling and Summarization," (presentation) CVDI Fall 2014 IAB Meeting, Lafayette, LA, 2014.
86. **M.E. Tozal.** "Impact of Sampling Design in Estimation of Graph Characteristics." IEEE International Performance Computing and Communications Conference, San Diego, CA, USA, December 2013.
87. **M.E. Tozal.** "Location Matters: Eliciting Responses to Direct Probes." IEEE International Performance Computing and Communications Conference, San Diego, CA, USA, December 2013.
88. **M.E. Tozal.** "Subnet Level Network Topology Mapping." IEEE International Performance Computing and Communications Conference, Orlando, Florida, USA, November 2011.
89. **M.E. Tozal.** "Network Layer Internet Topology Maps." ISMA AIMS-3 Active Internet Measurements." CAIDA, UC San Diego Super Computer Center, San Diego CA, 2011.
90. **B.P. West.** "The Next Job Boom." Presenter, Association of Information Technology Professionals (AITP) Region 3 Student Conference, October 2012, Lafayette, Louisiana.
91. **H. Wu.** Keynote speech, "Device-to-Device (D2D) Communication: What Part Will It Play in Future IoT and Big Data Applications?" National Network and Data Communication Conference (NDCC), Wuhan, China, November 2014.
92. **H. Wu.** Panel talk, "Toward the Internet-of-Everything: From Cloud to Fog?" National Network and Data Communication Conference (NDCC), Wuhan, China, November 2014.
93. **H. Wu.** Invited talk, "3D Sensor Networks: Challenges and Solutions," Department of Computer Science, Shanghai Jiao Tong University, July 2014.
94. **H. Wu.** Invited talk, "3D Sensor Networks: Challenges and Solutions," Department of Electronics and Information Engineering, Huazhong University of Science and Technology, July 2014.
95. **H. Wu.** Invited talk, "3D Sensor Networks: Challenges and Solutions," School of Electrical and Information, Wuhan University, July 2014.
96. **H. Wu.** Invited talk. "Mobile & Pervasive Computing on Mobile Phone, Wireless Sensor and RFID Platforms," School of Computer Science and Engineering, University of Electronic Science and Technology of China, March 2014.
97. **H. Wu.** Keynote Speech, "Radio Frequency Identification: Paving the Way to the Emerging Internet-of-Things," 2012 Ubiquitous Computing: Sensors and Wireless Sensor Networks Workshop, October, 2012.
98. **D. Zhao.** Panelist Speaker, "Hardware Security and Trustworthy Computing," 25th ACM/IEEE Great Lakes Symposium VLSI, May 2015.
99. **D. Zhao.** Invited Elevator Talk, "Wireless Testing with Inductive Coupling," 32nd IEEE BLSI Test Symposium, April 2014.
100. **D. Zhao.** Invited talk, "Embedded Nanocomputing: Small Devices, Large On-chip Communication Challenges," JSPS 4th Multidisciplinary Science Forum, 2014.
101. **D. Zhao.** Conference Presentations, SOCC 2014 & ISCAS 2014, 2014.

102. **D. Zhao.** Panelist Speaker, “Wireless Network-on-Chip,” in 15th ACM/IEEE System Level Interconnect Prediction workshop co-located with ACM/IEEE Design Automation Conference, June 2013.
103. **D. Zhao.** Featured Speaker, “Embedded Nanocomputing: Small Devices, Large On-Chip Communication Challenges,” in the 2012 Workshop on Frontiers of Information Science and Technology (FIST), Shanghai, China, Dec. 2012.

Colloquia and Seminar Talks

1. **M. Jin.** CACS Colloquium, “Computational Geometry and Applications,” March, 2016.
2. **M.E. Tozal.** “Interactive Visual Exploration of Large Graphs,” *CVDI, NSF Industry/University Cooperative Research Center*, IAB Meeting, Lafayette, LA, October 2015.
3. **M.E. Tozal.** “Graph Sampling, Summarization and Visualization,” *CVDI, NSF Industry/University Cooperative Research Center*, IAB Meeting, Philadelphia, PA, April 2015.
4. **M. Amini.** CACS Colloquium, “Stochastic-Based Robust Dynamic Resource Allocation in Heterogeneous Distributed Computing System,” 04/25/15.
5. **M. Amini.** CACS Colloquium, “Regular-Expression Search over Encrypted Data in the Cloud,” 10/24/14.
6. **M.A. Bayoumi.** CACS Colloquium, “The Treasures of CSCE 595,” 01/16/15.
7. **M.A. Bayoumi.** CACS Colloquium, “Welcome to the New Tango Couple: The Cyber and Physical Worlds,” 09/19/14.
8. **M.A. Bayoumi.** CACS Colloquium, “Valentine, Technology, and the Fourth Wave,” February 14, 2014.
9. **C.H. Chu.** “Recovering Projective Transformations between an Image Pair,” a presentation at the Image Analysis II, Joint Department of Defense/Department of Homeland Security Workshop, June 2012, Lorman, Miss.
10. **S. Dasgupta.** CACS Colloquium, “Projects, Theses, Dissertations – And Creativity,” February 7, 2014.
11. **S. Dasgupta.** Leonard Conference on Philosophy, University of Nevada, Reno, Nevada, 2011.
12. **K. Efe.** CACS Colloquium, “On the Light Side of Computer Science: Generalizations and Optimal Solutions for Coin Sorting Puzzles,” January 31, 2014.
13. **S. H-Y. Hsu.** “Green Computing,” Leonard De Vinci Pole University International Week, 2011.
14. **M. Jin.** “Computational and Conformal Geometry and Applications,” invited talk at Department of Computer Science, Florida State University, Tallahassee, FL, February 2013.
15. **M. Jin.** “Computational Conformal Geometry and Applications,” invited talk at School of Informatics and Computing, Indiana University Bloomington, Bloomington, IN. February 2013.
16. **M. Jin.** “Computational Conformal Geometry and Applications,” invited talk at Department of Electrical Engineering & Computer Science, Golden, CO, February 2013.

17. **M. Jin.** “Discrete Ricci Curvature Flow – Theory and Algorithms,” invited talk at the Mathematics Department University of Louisiana at Lafayette, Lafayette, LA, November 2012.
18. **M. Jin.** “Computational Geometry – Theory, Algorithms, and Applications,” invited talk at the Institute for Pattern Recognition and Artificial Intelligence, Huazhong University of Science and Technology, Wuhan, China, June 2012.
19. **M. Jin.** “The Power of Geometry – Theory and Applications,” invited talk at Department of Computer Science, Georgia State University, Atlanta, GA, March 2012.
20. **A. Lakhotia.** CACS Colloquium, “Harnessing Intelligence from Malware Repositories,” 03/27/15.
21. **A. Lakhotia.** CACS Colloquium, “A Simple Observation to Published Results: Journey of Idea to Knowledge,” April 4, 2014.
22. **A. Lakhotia.** Malware Attribution, CACS Colloquium, 2013.
23. **A. Lakhotia.** From Idea to Knowledge, CACS Colloquium, 2012.
24. **A. Lakhotia.** Revisiting Malware Defense, CACS Colloquium, 2011.
25. **R. Loganantharaj.** CACS Colloquium, “An Overview of Paradigm Shift from Hypothesis Driven Research to Data Driven Research in Life Sciences,” 10/17/14.
26. **A. Maida.** CACS Colloquium, “Compartmental Modeling for Biological Neural Cables using a Nonlinear Parabolic PDE,” 03/20/15.
27. **A. Maida.** “Compartmental modeling for biological neural cables.” CACS colloquium presentation, September 13, 2013.
28. **A. Maida.** “Spiking neural networks for object recognition.” CACS colloquium presentation, September 5, 2012.
29. **A. Maida.** “Computational neuroscience: the essentials.” Presentation to Professor M. Bayoumi’s lab seminar, October 14, 2011.
30. **A. Maida, S. Rayburn, S. Pilkington.** “Cognitive computational neuroscience.” Presentation for the president of UL Lafayette, January 19, 2011.
31. **D. Perkins.** CACS Colloquium, “Cognitive Radio Networking: Enabling Dynamic Management of the Radio Spectrum,” 10/31/14.
32. **V. V. Raghavan.** CACS Colloquium, “Visual Analytics of Time-evolving Large-Scale Graphs,” 03/13/15.
33. **V. V. Raghavan.** CACS Colloquium, “Massive Data Analysis: Applications and Challenges,” 09/05/14.
34. **D. Reiners.** CACS Colloquium, “Research Assistantships: How to Get One and How to Keep It & Projects in Interactive Graphics and Visualization,” March 21, 2014.
35. **M. E. Tozal.** “Internet Topology Sampling,” Wireless Networking Research Group UL Lafayette, Lafayette LA October, 2013
36. **M. E. Tozal.** “Network Layer Topology Discovery,” Akamai Technologies, Inc., Cambridge, Massachusetts, USA, November 2011.
37. **N.-F. Tzeng.** CACS Colloquium, “Cooperative Memory Expansion (COMEX) Support for Big Data,” September 26, 2014.
38. **N.-F. Tzeng.** CACS Colloquium, “Architectural Support for Cloud Computing,” 2014.
39. **N.-F. Tzeng.** CACS Colloquium, “Energy Reduction from Computer Architecture Perspective,” March 2013.
40. **N.-F. Tzeng.** CACS Colloquium, “Scalable Routers: The Heart of the Internet,” April 2011.

41. **H. Wu.** CACS Colloquium, “3D Wireless Sensor Networks: Challenges and Solutions”, 10/03/14.
42. **H. Wu.** “Mobile Opportunistic Networks: Challenges and Solutions,” School of Software Engineering, Northeastern University, China, July, 2013.
43. **H. Wu.** “Efficient Data Communication in 3D Wireless Sensor Networks,” Electrical and Computer Engineering, University of Houston, April, 2012.
44. **H. Wu.** “Communications in Challenged Networking Environment,” School of Electrical and Information, Wuhan University, May, 2011.
45. **D. Zhao.** Challenges and Opportunities in Manycore Interconnection and Communication,” CACS Colloquium, 2012

Contributed Talks

1. **C.W. Borst** and Mores Prachyabrued. IEEE Virtual Reality 2013, “Nonuniform and Adaptive Coupling Stiffness for Virtual Grasping.”
2. P. B. Raghupathy and **C.W. Borst.** ISVC 2011, “Investigation of Secondary Views in a Multimodal VR Environment: 3D Lenses, Windows, and Mirrors.”
3. A. Gupta, M. Ayhan, and **A. S. Maida.** “Evaluation of autoencoders for bases to represent neuroimaging data.” Poster presented at Neural Information Processing Systems Workshop: *Machine Learning and Interpretation in Neuroimaging*. Lake Tahoe, Nevada, December 9-10, 2013. See reference to paper under Conference Papers.
4. A. Gupta, M. Ayhan, and **A. S. Maida.** “Natural image bases to represent neuroimaging data.” *Journal of Machine Learning Research W&CP*, 28(3): 987-994, 2013. Poster and spotlight presentation. See reference to paper under Journal Papers.
5. B. Lemoine, **A. Maida.** “GPU facilitated unsupervised feature acquisition,” Poster presented at the *21st Annual Computational Neuroscience (CNS) Meeting*, July 21-26, 2012, Decatur, Georgia.

Graduate Student Production

Ph.D. and M.S. Theses Advised (Chair/Co-Chair of Committee)

- **A. Maida**, Padraic Edgington, Ph.D., 2016
- **Mohsen Amini Salehi**,
 - Mahmoud Darwich (Ph.D), Co-Chair, in progress, 2016
 - Matin Hosseini (Ph.D), Co-chair, in progress, 2016
 - Xiangbo Li (Ph.D), Co-Chair, Graduated, Dec. 2016
- **C. Borst**, Nicholas Lipari, Chair, in progress, 2015.
- **C. Borst**, Prabhakar Vemavarapu, Chair, in progress, 2015.
- **C. H. Chu**, A. S. Singh, Ph.D. (Computer Science), August 2015.
- **M. Jin**, Ph.D. Dissertation Committee:
 - Sumi Singh, *graduated* August 2015
- **M. Jin**, Xuan Li, ongoing 2015.
- **M. Jin**, Zhiqian You, ongoing 2015.
- **A. Lakhotia**, Charles LeDoux, Ph.D., ongoing 2015.
- **A. Lakhotia**, Craig Miles, Ph.D., *graduated* 2015.

- **A. Maida**, Ashish Gupta, Ph.D., Defense: “Neural Networks for Classifications of MRI Scans for Alzheimer’s Disease”, Feb. 27, 2015.
- **A. Maida**, Padraic Edgington, Ph.D., ongoing 2015.
- **A. Maida**, Blake Lemoine, Ph.D., ongoing 2015.
- **D. Perkins**, Co-Chair, Sajjad Pourmohammad, Ph.D., 2015.
- **D. Perkins**, Chair, Bin Huang, Ph.D., ongoing 2015.
- **D. Perkins**, Chair, Reza Soosahabi, Ph.D., ongoing 2015.
- **D. Perkins**, Co-Chair, Ahmed Aly, Ph.D., ongoing 2015.
- **V.V. Raghavan**, Amir Sharif, Ph.D., 2015.
- **V.V. Raghavan**, Elshaimaa Ali, Ph.D., 2015.
- **V.V. Raghavan**, Sumi Singh, Ph.D., 2015.
- **V.V. Raghavan**, Murat Ayhan, Ph.D., 2015.
- **V.V. Raghavan**, Member Dissertation Committee, Blake Lemoine, 2015.
- **V.V. Raghavan**, Member Dissertation Committee, Padraic Edgington, 2015.
- **V.V. Raghavan**, Member Dissertation Committee, Ashish Gupta, 2015.
- **V.V. Raghavan**, Member Dissertation Committee, Anurag Singh, 2015.
- **H. Wu**, Romas Lames, continuing, 2015.
- **H. Wu**, Mao Li, continuing, 2015.
- **H. Wu**, Baijun Wu, continuing, 2015.
- **H. Wu**, Rui Ning, continuing, 2015.
- **H. Wu**, Elman Bashar, Chair, continuing, 2015.
- **D. Zhao**, Bappaditya Dey, Thesis TBD, 2015-2019.
- **D. Zhao**, Amin Rezaei, Thesis: “Shift Sprinting for Proactive Aging Management at Dark Silicon Era”, 2014-2018.
- **D. Zhao**, Ali Khayat Baheri Irani, Thesis: “Intelligent Power Management Under Dynamic Workload in Embedded Many-core SoCs”, 2014-2018.
- **D. Zhao**, Tung Thanh Le, Thesis: “Performance-Cost Aware Design of Hybrid Heterogeneous Platform”, 2013-2017.
- **D. Zhao**, Mingmin Bai, Thesis: “Prediction-Based Proactive Hierarchical Routing for Heterogeneous Clustered NoC”, 2013-2017.
- **D. Zhao**, Md Farhadur Reza, Ph.D., Thesis: “Computation and Communication Optimization in Heterogeneous Many-Core Server-on-Chip”, 2012-2016.
- **M.A. Bayoumi**, Shaaban Mahran Radwan Abbady, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Mazen Al Haddad, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Ahmed Aly, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Randa Ayoubi, Ph.D., Chair, Graduated 2014
- **M.A. Bayoumi**, Mahmoud Darwich, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Anandi Kalyan Dutta, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Zaghoul Saad Elsayed, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Salim Nassim Farah, Ph.D., Chair, Graduated 2014
- **M.A. Bayoumi**, Zahra Jeddi, Ph.D., Chair, Graduated 2014
- **M.A. Bayoumi**, Mustafa Kamal, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Xiangbo Li, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Siroos Madani, Ph.D., Chair, 2014

- **M.A. Bayoumi**, Nasim Nasirian, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Sabriye Ozerturk, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Ahmed Magdy Elhabashy Ragab, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Ahmed Mohammed Sammoud, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Mohamed El-Said Shaban, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Mohamed Omran Abdelhaleem Shaker, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Mike Talley, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Saeid Yasami, Ph.D., Chair, 2014
- **M.A. Bayoumi**, Dissertation Committee Member:
 - Seyed Mohammad Seyed Jalali;
 - Yang Liu;
 - Xuan He;
 - Ian Chang-Yen
- **M.A. Bayoumi**, Jared S. Tessier, Chair 2013
- **M.A. Bayoumi**, Robert J. Minvielle, Chair 2013
- **M.A. Bayoumi**, Mayssaa Al Najjar, Chair 2012
- **M.A. Bayoumi**, Tarek Elarabi, Chair 2012
- **M.A. Bayoumi**, Ahmed Abdelgawad, Chair 2011
- **M.A. Bayoumi**, Md Ibrahim Faisal, Chair 2011
- **M.A. Bayoumi**, Milad Ghantous, Chair 2011
- **M.A. Bayoumi**, Ahmed Khattab, Chair 2011
- **M.A. Bayoumi**, Abdelhamid Moursey, Chair 2011
- **M.A. Bayoumi**, Azeez Sanusi, Chair 2011
- **M.A. Bayoumi**, Kecia Wright, Chair 2011
- **C. Borst**, Nicholas Lipari, Chair 2014.
- **C. Borst**, Prabhakar Vemavarapu, Chair 2014.
- **C. Borst**, Scott McDermott, Ph.D., Committee Member, completed 2014.
- **C. Borst**, Mores Prachyabrued, Ph.D. 2013
- **C. H. Chu**, Scott McDermott, Ph.D., completed fall 2014.
- **C. H. Chu**, Anurag Singh, Ph.D., ongoing 2014.
- **C. H. Chu**, Marc Comeaux, Ph.D., ongoing 2014.
- **C. H. Chu**, Committee Member – Ashish Gupta, Ph.D., 2014.
- **C. H. Chu**, Committee Member – Sumi Singh, Ph.D., 2014.
- **C. H. Chu**, Committee Member – Randa Ayoubi, Ph.D., completed fall 2014.
- **C. H. Chu**, J. Chen, Ph.D., "Ground video and airborne LiDAR data fusion for 3D modeling of highways," (Computer Science), December 2011.
- **S. Dasgupta**, Carley Faughn, Ph.D., Dissertation Committee Member, spring 2014.
- **S. Dasgupta**, Elizabeth Melvin, Ph.D., Dissertation Committee Member, spring 2014.
- **K. Efe**, Alp Asutay, Ph.D.
- **J. Etheredge** and **A. Kumar, Ph.D.**, Aaron Boudreaux, Video Game Design, 2012.
- **M. Jin**, Buri Ban, Ph.D., ongoing 2014.
- **M. Jin**, Sumi Singh, Ph.D., Comprehensive Exam Title: Protein 3-D Structure Comparison Using Triangular Spatial Relationships, Spring 2014.

- **M. Jin**, Yang Yang, Ph.D., “Geometry in Wireless Sensor Networks: In-Network Information Processing and Localization”, December 2013.
- **A. Lakhotia**, Charles LeDoux, Ph.D., ongoing 2014.
- **A. Lakhotia**, Craig Miles, Ph.D., ongoing 2014.
- **A. Lakhotia**, Nicholas Bergeron, M.S., “Model-Based Controller of a High-Performance Marine Vessel”, Master’s Thesis, Mechanical Engineering, Fall 2014.
- **A. Lakhotia**, Anshuman Singh, Ph.D., “Addressing Challenges in Machine Learning Based Malware Detection,” Summer 2012.
- **R. Loganantharaj**, Elshaimaa Ali, Ph.D., spring 2014.
- **R. Loganantharaj**, Mohammad Amir Sharif, Ph.D., spring 2014.
- **R. Loganantharaj**, Paul Bible, Ph.D., spring 2013.
- **A. Maida**, Ashish Gupta, Ph.D., ongoing 2014.
- **A. Maida**, Blake Lemoine, Ph.D., ongoing 2014.
- **A. Maida**, Russell Danna, M.S., graduated May 2014.
- **A. Maida**, Member, Dissertation Committee, Anurag Singh, 2014.
- **A. Maida**, Member, Dissertation Committee, Murat Ayhan, ongoing 2014.
- **A. Maida**, Russ Danna, M.S. “*Learning-assisted market-based optimization for truck task scheduling*,” December 2013.
- **D. Perkins**, Chair, Bin Huang, Ph.D., ongoing 2014.
- **D. Perkins**, Chair, Reza Soosahabi, Ph.D., ongoing 2014.
- **D. Perkins**, Co-Chair, Sajjad Pourmohammad, Ph.D., ongoing 2014.
- **D. Perkins**, Co-Chair, Ahmed Aly, Ph.D., ongoing 2014.
- **D. Perkins**, Co-Chair, Mohamed Shaban, Ph.D., ongoing 2014.
- **D. Perkins**, Ahmed Khattab, Ph.D., Cognitive Radio Networks: From Theory to Practice, 2011.
- **D. Perkins**, Abdelhamid Gamal Moursy, Ph.D., Autonomic Network Management for Wireless Mesh Networks, 2011.
- **D. Reiners**, Steven White, Ph.D., “Impact of Visualization Augmentation on Target Transfer. A study of the Simulated MIG Lab for Improving Welder Training,” 2013.
- **D. Reiners**, Malcolm Hutson, Ph.D., “Adaptive Filtering Algorithms and Optical Pose Tracking for Fully Enclosed Visualization Spaces”, 2011.
- **V.V. Raghavan**, Elshaimaa Ali, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Murat Ayhan, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Mohammad Sharif, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Maria Bala Duggimpudi, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Satya Katragadda, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Sumi Singh, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Murali Pusala, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Siva Ramakrishna R. Venna, Ph.D., ongoing 2014.
- **V.V. Raghavan**, Member Dissertation Committee, Blake Lemoine, spring.
- **V.V. Raghavan**, Member Dissertation Committee, Padraic Edgington, spring & fall.
- **V.V. Raghavan**, Member Dissertation Committee, Ian Chang-Yen, spring & fall.
- **V.V. Raghavan**, Member Dissertation Committee, Ashish Gupta, spring & fall.
- **V.V. Raghavan**, Member Dissertation Committee, Anurag Singh, spring & fall.

- **V.V. Raghavan**, Nicholas Ruiz, Ph.D., “Statistical Parsing and Integration of Result Records for Answering Factual Questions.” 2011.
- **V.V. Raghavan**, Shixian Chu, Ph.D., “Key Phrase Extraction and Co-clustering for Search Engine Result Visualization.” 2011.
- **V.V. Raghavan**, Jayasimha Katukuri, Ph.D., “Relationship Extraction and Hypothesis Discovery from Biomedical Literature.” 2012.
- **V.V. Raghavan**, Jennifer Lavergne, Ph.D., “An In-Memory Data Structure for Targeted Association Rule Mining in Time-Varying Domains.” 2013.
- **M.E. Tozal**, Chair, Maryam Heidari Beisafar, Ph.D., 2013 – present.
- **M.E. Tozal**, Chair, Abdullah Yasin Nur, Ph.D., 2014 – present.
- **N.-F. Tzeng**, Chair, Ian Chang-Yen, Ph.D., graduated summer 2014.
- **N.-F. Tzeng**, Chair, Xiyue Xiang, Ph.D., ongoing 2014.
- **N.-F. Tzeng**, Chair, Wei Shu, Ph.D., ongoing 2014.
- **N.-F. Tzeng**, Chair, Purushottam Sigdel, Ph.D., ongoing 2014.
- **N.F. Tzeng**, Chair, Carl Eric Neblock, Ph.D., ongoing 2014.
- **N.-F. Tzeng**, Member Dissertation Committee, Yao Zhao, Ph.D., spring 2014.
- **N.-F. Tzeng**, Member Dissertation Committee, Randa Ayoubi, Ph.D., spring 2014.
- **N.-F. Tzeng**, Member Dissertation Committee, Yang Liu, Ph.D., fall 2014.
- **N.-F. Tzeng**, Itthichok Jangaimon, Ph.D., Computer Science, “Effective Checkpointing for Networked Multicore Systems and Cloud Computing”, December 2013
- **N.-F. Tzeng**, Paul J. Darby III, Ph.D., Computer Engineering, “Practical Checkpointing and Recovery Strategies for Mobile Grid Computing,” December 2012. (Current Position: Instructor, Department of Electrical and Computer Engineering, (University of Louisiana at Lafayette))
- **N.-F. Tzeng**, Adam Lewis, Ph.D., Computer Science, “Energy Conservation and Thermal Management in High-Performance Server Architectures,” May 2012 (Current Position: Assistant Professor, Athens State University, Alabama)
- **N.-F. Tzeng**, Jullawadee Maneesilp, Ph.D., Computer Science, “Radio Frequency Identification (RFID) Applications to 3-Dimensional Localization and Full Coverage,” December 2011. (Current Position: Technical Officer, Ministry of Interior, Thailand)
- **H. Wu**, Elman Bashar, Chair, 2014.
- **H. Wu**, Abu Rahat Chowdhury, Chair, 2014.
- **H. Wu**, Muhammad Aamir Iqbal, Chair, 2014.
- **H. Wu**, Yang Liu, Chair, 2014.
- **H. Wu**, Ting Ning, Chair, 2014.
- **H. Wu**, Yao Zhao, Chair, 2014.
- **H. Wu**, Xuan He, Ph.D., “MIMO Signal Processing in Few-Mode Fiber Optical Communication Systems,” 2014.
- **H. Wu**, Ting Ning, Ph.D., “Game Theory-Based Incentive Schemes for Mobile Social Networks,” 2013.
- **H. Wu**, Hongyu Zhou, Ph.D., “Distributed Boundary Detection Algorithms for 3D Wireless Sensor Networks.” Initial employment: Epic Systems Corporation, Verona, Wisconsin. 2012.
- **H. Wu**, Zhipeng Yang, Ph.D., “Featherlight Information Network with Delay-Endurable RFID Support (FINDERS).” Initial employment: Group on, Palo Alto, CA. 2012.

- **H. Wu and M. Jin**, Su Xia, Ph.D., “Greedy Routing in 3D Wireless Sensor Networks.” Initial employment: Cisco, San Jose, CA. 2012.
- **D. Zhao**, Unni Chandran, Ph.D., “Test Framework Integration and Security Design for 2-D or 3-D SoCs,” 2012.
- **D. Zhao**, Ruizhe Wu, Ph.D., “Performance-Driven Communication Architecture Design in Irregular, Overlaid and Hybrid Mesh Wireless NoC,” 2013.
- **D. Zhao**, Yasami, Saeid, Ph.D., “Design of Ultra Low Power LNA for Space and Medical Applications in Subthreshold Region,” 2014.

Journal Editorship

- **M. Jin**, Guest Editor, International Journal of Distributed Sensor Networks Special Issue, 2016.
- **H. Wu**, Guest Editor, IEEE Communications Magazine Special Issue on Recent Advances in Green Industrial Networking, 2015.
- **H. Wu**, Guest Editor, IEEE Sensors Journal Special Issue on Advances in Underwater Acoustic Sensor Networks, 2015.
- **M.A. Bayoumi**, Associate Editor, *Integration*, The VLSI Journal, 2008-2014.
- **M.A. Bayoumi**, Associate Editor, Journal of VLSI Signal Processing, 2008-2014.
- **C. Borst**, Editorial Board (Associate Editor), Entertainment Computing journal (Elsevier), 2011 – present.
- **C. Borst**, Organizing committee (posters co-chair) appointment for 2015, with some activities in 2014.
- **C. Borst**, Review Editor, Frontiers in Virtual Environments, 2014.
- **C. Borst**, Reviewer, IEEE Computer Graphics & Applications magazine, 2014.
- **C. Borst**, Reviewer, IEEE Transactions on Multimedia Computing, Communications, and Applications, 2014.
- **J. Etheredge**, member of the editorial board, Computer Game Development and Education: An International Journal.
- **M. Jin**, Editorial Board Member, ISRN Computer Graphics, 2011-present.
- **A. Kumar**, editor in chief, International Journal of Embedded Systems and Applications, ISSN: 1839-5171.
- **A. Kumar**, member of the editorial board, International Journal of Software Engineering and Applications, ISSN: 0976-2221.
- **S. Kumar**, member of the editorial board, Computer Game Development and Education: An International Journal.
- **R. Loganantharaj**, Editorial Board member, International Journal of Biomedical Science and Engineering.
- **M. Meche**, Layout Editor, *Journal of Business and Training Education*, Louisiana Association of Business Educators (LABE), (2001—January 2012)
- **D. Reiners**, Associate Editor, Computers & Graphics, 2011-2013
- **D. Reiners**, Member of the Editorial Board, Open Virtual Reality Journal, 2009 – 2011
- **N.-F. Tzeng**, Editor, Journal of Information Science and Engineering (JISE, published by Academia Sinica, Taiwan), 2011 – present.
- **H. Wu**, Editor, IEEE Transactions on Parallel and Distributed Systems, 2013-present.

- **H. Wu**, Editor, Elsevier Computer Communications, 2013-present.
- **H. Wu**, Editor, KSII Transactions on Internet and Information Systems, 2012-present.
- **H. Wu**, Editor, Journal of Mobile Computing (MC), 2012-present.
- **H. Wu**, Editor, International Journal of Ad Hoc & Sensor Wireless Networks (AHSWN), 2010-2013.
- **H. Wu**, Editor, of International Journal of Ad Hoc and Ubiquitous Computing (IAHUC), 2009-present.

Journal Referees

- **A. Maida**, Ad hoc referee for *IEEE Transactions on Neural Networks and Learning Systems*, 2016.
- **A. Maida**, Ad hoc referee for *IBM Journal of Research and Development*, 2016.
- **C. Borst**, Reviewer, Computer Animation and Virtual Worlds (Wiley), 2016.
- **C. Borst**, Reviewer, Computers & Graphics (Elsevier), 2016.
- **C. Borst**, Reviewer, ACM CHI: Conference on Human Factors in Computing Systems, 2015.
- **C. Borst**, Book Proposal Reviewer for Morgan Kaufmann Publisher, 2015.
- **M.A. Salehi**, Reviewer, IEEE Transactions on Parallel and Distributed Systems (TPDS).
- **M. A. Salehi**, Reviewer, IEEE Transactions on Cloud Computing (TCC).
- **M. A. Salehi**, Reviewer, IEEE Transactions on Services Computing (TSC).
- **M. A. Salehi**, Reviewer, ACM Transactions on Internet Technology (TOIT).
- **M. A. Salehi**, Reviewer, Journal of Parallel and Distributed Systems (JPDC).
- **M. A. Salehi**, Reviewer, Future Generation Computer Systems Journal (FGCS).
- **M. A. Salehi**, Reviewer, Journal of Concurrency and Computation: Practice and Experience (CCPE).
- **M. A. Salehi**, Reviewer, Journal of Computers (JCP).
- **M. A. Salehi**, Reviewer, Journal of Computer Network (COMNET).
- **M. A. Salehi**, Reviewer, Utility and Cloud Computing Conference (UCC).
- **M. A. Salehi**, Reviewer, Cluster Cloud and Grid (CCGrid) Conference.
- **M. A. Salehi**, Reviewer, Heterogeneity in Computing Workshop (HCW), in conjunction with International Parallel and Distributed Processing Symposium (IPDPS).
- **M. A. Salehi**, Reviewer, International Conference on Computer and Knowledge Engineering (ICCKE).
- **C. Borst**, Reviewer, IEEE Haptics / Worldhaptics conference, 2011-2016.
- **C. Borst**, Reviewer, IEEE Computer Graphics and Applications, 2014-2016.
- **C. Borst**, Reviewer, IEEE 3DUI conference, 2011, 2013, 2015-2016.
- **C. Borst**, Reviewer, IEEE VR conference, 2015.
- **C. Borst**, ACM Transactions on Multimedia Computing, Communications and Applications, 2013.
- **C. Borst**, Journal of Graphics Tools, 2013.
- **C. Borst**, IEEE 3DUI conference, 2011, 2013.
- **C. Borst**, IEEE Haptics / Worldhaptics conference, 2011, 2012, 2013.
- **C. Borst**, JVCR (EuroVR) conference, 2011, 2012.

- **C. Borst**, ISVC (Visual Computing) conference 2011, 2012
- **C. Borst**, ASME IDETC/CIE 2012.
- **C. Borst**, Book Proposal Reviewer for Morgan Kaufmann Publisher.
- **C.H. Chu**, IEEE Transactions on Pattern Analysis and Machine Intelligence.
- **C.H. Chu**, IEEE Transactions on Neural Networks.
- **C.H. Chu**, IEEE Transactions on Image Processing.
- **C.H. Chu**, IEEE Transactions on Geosciences and Remote Sensing.
- **C.H. Chu**, *Referee*, Journal of Electronic Imaging.
- **C.H. Chu**, *Referee*, Optical Engineering.
- **C.H. Chu**, *Reviewer*, Kentucky Commercialization Fund, Kentucky Science and Engineering Foundation, 2014.
- **C.H. Chu**, *Reviewer*, Louisiana Board of Regents' Supervised Undergraduate Research Experience Program, 2013 – Present.
- **C.H. Chu**, *Reviewer*, IEEE International Conference for Image Processing, 1996 – Present.
- **C.H. Chu**, *Reviewer*, IEEE International Conference of Acoustics, Speech, and Signal Processing, 2007 – Present.
- **S. H-Y. Hsu**, *Journal of Business Research*.
- **S. H-Y. Hsu**, *Hawaii International Conference on System Sciences (HICSS)*.
- **S. H-Y. Hsu**, *International Conference on Information Systems (ICIS)*.
- **M. Jin**, IEEE/ACM Transactions on Networking (TON).
- **M. Jin**, IEEE Transactions on Parallel and Distributed Systems (TPDS).
- **M. Jin**, Computer Aided Design (CAD).
- **M. Jin**, Computer-Aided Geometric Design (CAGD).
- **M. Jin**, IEEE Transactions of Visualization and Computer Graphics (TVCG).
- **M. Jin**, IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI).
- **M. Jin**, Graphical Models.
- **M. Jin**, Geomatica Journal.
- **M. Jin**, Ad Hoc & Sensor Wireless Networks.
- **M. Jin**, International Journal of Sensor Networks (IJSNet).
- **R. Loganantharaj**, IEEE/ACM Transactions on Computational Biology and Bioinformatics.
- **R. Loganantharaj**, International Journal of Bioinformatics Research and Applications (IJBRA).
- **A. Maida**, Ad hoc, referee for IEEE Transactions on Neural Networks and Learning Systems, 2012
- **D. Perkins**, Journal of Information Science and Engineering, sponsored by Academia Sinica, Taiwan, 2014.
- **D. Perkins**, IEEE Transactions on Wireless Communications.
- **D. Perkins**, IEEE Transactions on Networking.
- **D. Perkins**, Elsevier Journal on Pervasive and Mobile Computing.
- **D. Perkins**, Elsevier Computer Networks Journal.
- **D. Perkins**, The International Journal of Computer and Communications.
- **D. Perkins**, ACM Mobile Networks & Applications Journal (MONET).

- **N.F. Tzeng**, IEEE Transactions on Computers.
- **N.F. Tzeng**, IEEE Transactions on Parallel and Distributed Systems.
- **N.F. Tzeng**, IEEE/ACM Transactions on Networking.
- **N.F. Tzeng**, Journal of Information Science and Engineering (JISE, published by Academia Sinica, Taiwan).
- **M.E. Tozal**, *Reviewer*, IEEE Transactions on Networking, 2015.
- **M.E. Tozal**, *Reviewer*, IEEE Transactions on Parallel and Distributed Systems, 2015.
- **M.E. Tozal**, *Reviewer*, Elsevier Ad Hoc Networks Journal, 2015.
- **M.E. Tozal**, *Reviewer*, Elsevier Computer Networks Journal, 2015.
- **M. E. Tozal**, Reviewed: February 2014, “Path-Quality Monitoring in the Presence of Adversaries: The Secure Sketch Protocols,” *IEEE/ACM Transactions on Networking*, March 2014.
- **M.E. Tozal**, Reviewer: “Robust Estimation of Mean Failure Probability in Access Networks,” *Elsevier Computer Networks*, April 2014.
- **M.E. Tozal**, Reviewer: “Models, Algorithms and Solution Methods for Centralized Control Planes to Optimize Control Traffic Overhead,” *Elsevier Computer Networks*, June 2014.
- **M.E. Tozal**, Reviewer: “On Enhancing the Stability of Tree-based Overlay Multicast Using Cloud VMs,” *IEEE Transactions on Parallel and Distributed Systems*, June 2014.
- **M.E. Tozal**, reviewed: December 2013, “Asymmetric Social Proximity Based Private Matching Protocols for Online Social Networks,” *IEEE Transactions on Parallel and Distributed Systems*.
- **M.E. Tozal**, Reviewed: August 2013, “Bandwidth-Guaranteed Multicast by Multiple Trees and Network Coding in Lossy MANETs,” *Elsevier Ad Hoc Networks Journal*.
- **M.E. Tozal**, Reviewed: June 2013, “Impacts of User-selfishness on Cooperative Content Caching in Social Wireless Networks,” *Elsevier Ad Hoc Networks Journal*.
- **M.E. Tozal**, reviewed: May 2013, “Scouting Internet Paths with ICMP Parameter Problem-based active probing,” *Elsevier Computer Networks Journal*.
- **M.W. Totaro**, reviewed: April 12, 2012, “How We Stopped Worrying about Teaching Traditional Programming to Information Systems Students,” *Communications of the Association for Computing Machinery (CACM)*.
- **M.W. Totaro**, reviewed: August 15, 2011, “Analysis of Threshold Values of Semantic Structure Analysis Method in Identifying the Causal Relationships,” *Systems Research and Behavioral Science (SRBS)*.
- **H. Wu**, IEEE Journal on Selected Areas in Communications (JSAC).
- **H. Wu**, IEEE Transactions on Communications.
- **H. Wu**, IEEE Transactions on Wireless Communications.
- **H. Wu**, IEEE Transaction on Mobile Computing.
- **H. Wu**, IEEE Transactions on Vehicular Technology.
- **H. Wu**, IEEE Transaction on Parallel and Distributed Systems.
- **H. Wu**, IEEE Transactions on Computers, IEEE Computer Networks.
- **H. Wu**, IEEE Communication Magazine.
- **H. Wu**, IEEE Communications Letters.
- **H. Wu**, ACM Wireless Networks (WINET).
- **H. Wu**, ACM Mobile Networks & Applications Journal (MONET).

- **H. Wu**, Elsevier Ad Hoc Networks.
- **D. Zhao**, IEEE Transactions on Parallel and Distributed Systems.
- **D. Zhao**, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems.
- **D. Zhao**, IEEE Transactions on Computers.
- **D. Zhao**, IEEE Transactions on VLSI Systems.
- **D. Zhao**, IEEE Transactions on Circuits and Systems, I and II.
- **D. Zhao**, IEEE Transactions on Instrumentation and Measurement.
- **D. Zhao**, ACM Transactions on Embedded Computing Systems.
- **D. Zhao**, ACM Transactions on Design Automation of Electronic Systems.
- **D. Zhao**, ACM Journal of Emerging Technologies in Computing.
- **D. Zhao**, IEEE Journal of Solid-State Circuits.
- **D. Zhao**, IEEE Computer.
- **D. Zhao**, IEEE Design & Test of Computers.
- **D. Zhao**, IEEE Journal on Emerging and Selected Topics in Circuits and Systems.
- **D. Zhao**, IET Journal on Computers & Digital Technique
- **D. Zhao**, Integration - the VLSI Journal
- **D. Zhao**, Journal of Electronic Testing: Theory and Applications.
- **D. Zhao**, Journal of Circuits, Systems, and Computers.

Funding

External Funding

- **X. Wu**. (PI) III: Small: Integrating Casual Discovery and Feature Selection with Streaming Features. U.S. National Science Foundation (NSF), Grant No. 1613950. July 1, 2016 - June 30, 2019. \$497,864.
- **Mohsen Amini Salehi**, Research funding (credit), “*Cloud-based Video Streaming Service*,” Amazon Web Services (AWS), \$4,500, 2016- 2017.
- **Mohsen Amini Salehi**, “*Constructing Community Clouds for Disaster Management in Smart Cities*,” BORSF RCS, \$110,755, 2016 – 2019.
- **C. Borst**, [Lead PI] Year 5 Project: Interactive Visual Exploration of Large Graphs with Enhanced Sampling and Summarization, \$53,778, 1 year (Aug 2016 - Jul 2017), CVDI Industrial Advisory Board.
- **C.W. Borst**. (Lead PI) CVDI Industrial Advisory Board Year 4 Project: “Graph Sampling, Summarization, and Touch-based Visual Analytics for Large Complex Systems,” 1 year, August 2015 – July 2016, **\$68,768**.
- **C.W. Borst**, [Lead PI] NSF REU Supplement added to EAGER: US IGNITE : Collaborative Exploration in Networked VR Environments and Application to Remotely-Guided Classroom?, \$15,996 for 2016.
- **M.A. Salehi**. (PI) NVidia Corp.: Hardware Grant to build a heterogeneous private Cloud at University of Louisiana at Lafayette, 12/2015.

- **M.A. Salehi.** (PI) NSF Early-Career Investigators Workshop on Cyber Physical Systems and Smart City, “Community Clouds for Disaster Management in Smart Cities,” 10/2015.
- **M.A. Salehi.** (PI), RCS Board of Regents Support Fund (BoRSF), “Constructing Community Clouds for Disaster Management in Smart Cities,” 10/2015 – 10/2018.
- **C.W. Borst.** (Lead PI) CVDI Industrial Advisory Board Year 4 Project: “Graph Sampling, Summarization, and Touch-based Visual Analytics for Large Complex Systems,” 1 year, August 2015 – July 2016, **\$68,768.**
- **C.W. Borst.** (Lead PI) BoRSF ENH: “Equipment for Virtual and Augmented Reality Research for Education and Training Systems”, Louisiana BoRSF, Special Multidisciplinary program, July 2015 – June 2016, \$88,188.
- **C.W. Borst.** (Lead PI) BoRSF ENH: “Visual Analytics Lab: Interactive Visualization and Analysis of Big Data for Research and Education,” Louisiana BoRSF ENH program, July 2015 – June 2016, \$80,679.
- **M.A. Bayoumi.** (PI) BOR: “Recruitment of Graduate Fellows in Computer Science and Computer Engineering,” 08/01/01 – 07/31/14, \$618,000.
- **M.A. Bayoumi.** (PI) NSF: “Design and Implementation of Experimental High Resolution Imaging Payload System for Nano Satellites,” 08/11/11–12/31/14, \$124,931.
- **M.A. Bayoumi.** (Co-PI) BOR, State of Louisiana: “Ubiquitous Computing and Monitoring System (UCoMS) for Discovery and Management of Energy Resources,” 08/07 – 04/12, \$1,200,000 (State matching).
- **M.A. Bayoumi.** (Co-PI) DOE, EPSCoR: “Ubiquitous Computing and Monitoring System (UCoMS) for Discovery and Management of Energy Resources,” 08/07 – 04/12, **\$950,000.**
- **M.A. Bayoumi.** (Co-PI) NSF: “MRI: Acquisition of a Wireless Nanonetworks Integration and Emulation System for Multi-Processor SoC Research and Education,” 08/08 – 07/12, \$500,000.
- **M.A. Bayoumi.** (PI) NSF: “U.S. - Egypt Workshop on Ubiquitous Computing: Sensors and Wireless Sensor Networks,” 10/01/07 – 11/30/12, \$40,000.
- **M.A. Bayoumi.** (PI) NSF: “CRI: MEMS Integration Infrastructure,” 06/06 – 05/12, **\$300,000.**
- **M.A. Bayoumi.** (PI) NSF: “Design of Smart Sensor and Its Implementation in Wireless Sensors Network”, 08/01/01 – 07/31/11, \$29,997.
- **M.A. Bayoumi.** (PI) NSF: “US Egypt Cooperative Research: Design and Implementation of Experimental High Resolution Imaging Payload System for Nano Satellites,” 08/11 – 07/13, **\$124,931,**
- **M.A. Bayoumi.** (PI) USGS: “Web-based Decision Support using Internet Tool to Provide Information and Data for Coastal Wetlands Restoration Activities,” 07/01/07 – 12/31/10, **\$174,500.**
- **M.A. Bayoumi.** (PI) USGS: “Internet Tool Development and Web Site Maintenance in Support of Coastal Wetlands Restoration Activities in Louisiana,” 11/01/06 – 12/31/10, **\$55,000.**
- **C.W. Borst.** (Lead PI) NSF proposal: EAGER: US IGNITE: Collaborative Exploration in Networked VR Environments and Application to Remotely-Guided Classroom, \$297,767. 10/01/14 – 09/30/16.

- **C.W. Borst.** CVDI Year 3 Project: Visual Analytic Methods for Dynamic Graphs, \$80,293. 1 year, August 2014 – July 2015, CVDI Industrial Advisory Board.
- **C.W. Borst.** (Co-PI) NSF REU supplement to the CVDI project, \$13,200. For 2015.
- **C.W. Borst.** (Co-PI) NSF proposal: MRI: Development: A Distributed Visual Analytics Sandbox for High Volume Data Streams, \$499,998. 08/01/14 – 07/31/18.
- **C.W. Borst.** (Co-PI) CVDI Industrial Advisory Board - 2 Year Project: Visual Analytic Approaches to Mining Large-scale Time-Evolving Graphs, \$70,000, August 2013 – July 2014. Completed.
- **C.W. Borst.** (Co-PI) REU supplement to the CVDI project, \$13,200. Completed 2014.
- **C.W. Borst.** (Co-PI) REU supplement to NSF grant, \$13,585, 2013.
- **C.W. Borst.** (Co-PI) NSF I/UCRC Center for Visual and Decision Informatics (CVDI), \$400,000 for 5 years starting 04/2012.
- **C.W. Borst.** [CVDI Industrial Advisory Board] Interfaces for Visualized Dataset Exploration (later joined with Real-Time Analysis and Visual Exploration of Multi-Dimensional Sensor Data), \$48,100, 1 year starting 07/2012.
- **C.W. Borst.** [LWA, co-PI] “Accelerated Welder Training Using Virtual Reality,” Louisiana Workforce Authority, \$471,322, 2007–2009.
- **C.H. Chu.** PI, ““A strategic innovations partnership for efficient, innovative and consolidated information technology operations,” Louisiana Department of Health, Nov. 2015-Oct. 2018, \$10,974,959.
- **C.H. Chu.** PI, “Efficient, innovative and consolidated information technology operations,” Louisiana Department of Health and Hospitals, contract, \$3,534,742. July 2014 – June 2015.
- **C.H. Chu.** Principal Investigator, “Development of a SIFT-based face recognition system,” Department of Homeland Security, July 2012, \$15,000.
- **C.H. Chu.** Co-Principal Investigator, (P.I.: **V. Raghavan**), “Web 3.0 and beyond: Enhancement of the Laboratory for Internet Computing for the future web generations,” Louisiana Board of Regents Enhancement Grant, 2009-10, \$77,000.
- **J. Etheredge** (PI) and **A. Kumar** (co-PI). Louisiana Board of Regents, Enhancement Grant, “Laboratory for research and curriculum development projects in video game design and development,” funded 2012-2013, \$35,000.
- **S. H-Y. Hsu.** Academic Liaison, STARS Computing Corps, National Science Foundation Program, 2013-2015.
- **S. H-Y. Hsu.** Summer Research Grant, 100% Network Analysis of a Flu Prediction Model, University supported grant, 2014. \$4,500.
- **S. H-Y. Hsu.** STARS, NSF Funded, North Carolina State University at Charlotte, 2013.
- **M. Jin.** NeTS: Small: Distributed In-network Data Storage and Retrieval in 3D Wireless Sensor Networks, PI –, Co-Investigators: **H. Wu**, Funding agency: US National Science Foundation (CNS-1320931). Amount of grant: \$372,513, Time period: 10/01-2013 – 09/30/2016.
- **M. Jin.** CAREER: Theorem, Algorithm, and Applications of Computational Quasiconformal Geometry, PI, Funding Agency: US National Science Foundation (CCF-1054996). Amount of Grant: \$419,779. Time Period: 08/01/2011 – 07/31/2016.

- **M. Jin.** NeTS: Small: Scalable Routing in 3D Wireless Sensor Networks. PI – **H. Wu**, Co-investigator: **M. Jin**, Funding Agency: US National Science Foundation (CNS – 1018306), Amount of Grant: \$425,000. Time Period: 08/01/2010 – 07/31/2015.
- **M. Jin.** RCS: Geometric Structures and their Applications, PI, Funding Agency: Louisiana Board of Regents Sponsored Programs (RCS-3737). Amount of Grant: \$112,230. Time Period: 06/01/2009 – 05/31/2013.
- **A. Kumar, PI**, Louisiana Board of Regents, RCS Award. “Design and development of coordination and control mechanisms for sensor-enabled software systems,” (PI), funded 2009-2014, \$113,424.
- **A. Kumar**, (Co-PI), Louisiana Board of Regents. Multidisciplinary Grant, “Development of Lean Manufacturing Course through Virtual Reality and Inquiry-Based Learning,” along with Suren Dwivedi (PI) and other Co-PIs, 2009-2011, \$139,957.
- **A. Kumar**, (Co-PI), National Science Foundation. “Collaborative Research: MCTech - STEM Careers in Shipbuilding and Marine Industry.” Suren Dwivedi (PI) and funded, 2009-2013, Award number DUE-0903314, \$72,588.
- **A. Kumar**, (Co-PI), National Science Foundation. “CRI: MEMS Integration Infrastructure.” Magdy Bayoumi, Mohamed Elgamel (Co-PI), Mohammad Madani (Co-PI), Award number CNS-0551478, funded 2006-2011, \$298,848.
- **A. Lakhotia**, (PI), Idaho National Lab. “End-to-End Dynamic Program Analysis for Industrial Control Systems with Concolic Execution,” \$174,000. 11/14 – 09/17.
- **A. Lakhotia**, (PI), McAfee Associates. “Machine Learning for Based APT Analytics,” \$52,900. 10/14 – 10/15.
- **A. Lakhotia** and J. Vaughan. Making the Anaconda Autonomous. Funded by SwiftShips, (\$98,491), 8/20/13-8/19/14. (Completed)
- **A. Pfeffer** and **A. Lakhotia**. Supervised Algorithms against Malware Evolution – Phase II (SESAME). Funded by AFOSR, STTR 2011 program. Subcontract through Charles River Analytics, (Total UL: \$300,000 UL Indirect Cost: \$169,000; Total Project: \$750,000), 3/13 - 4/15.
- **A. Pfeffer** and **A. Lakhotia**. Automatic Detection and Patching of Vulnerabilities in Embedded Systems (SMASHED). Funded by DARPA. SBIR 2013 program. Subcontract through Charles River Analytics, (Total UL: \$29,838, UL Indirect Cost: \$7,529; Total Project: \$75,000), 5/13-10/13.
- **A. Pfeffer** and **A. Lakhotia**. Semi-Supervised Algorithms against Malware Evolution – Phase I (SESAME), Funded by AFOSR. STTR 2011 program. Subcontract through Charles Rivers Analytics, (Total UL: \$40,000, UL Indirect Cost: \$12,028; Total Project: \$100,000), 3/12-9/12.
- **T. Patten** and **A. Lakhotia**. “Cloud-based Autonomous Real-time Malware Analysis (CARMA).” Funded by ARO. STTR 2011 program. Subcontract through Charles Rivers Analytics, Total UL Budget: \$40,000, UL Indirect Cost: \$12,028; Total Project \$100,000, 6/11-3/12.
- **A. Pfeffer**, **A. Lakhotia**, J. Bay. “MAAGI – Malware Analysis and Attribution using Genetic Information.” DARPA Cyber Genome Program. Subcontract through Charles River Analytics. (2013 UL: \$249,238; 2013 Indirect Cost: \$73,553; Total UL: 1,001,441; Total UL Indirect: \$295,689; Total Project: \$4.5M), 09/10 - 09/14.

- **A. Lakhotia, A. Walenstein,** and V. Phoha. Air Force Office of Scientific Research. “Obfuscation and Deobfuscation of Intent of Computer Programs,” \$789,989, 09/09-09/12.
- Brent Yantis and **A. Lakhotia.** “Technical assistant for tabular and spatial data management, analysis, dissemination, and visualization for CWPPRA and CERP.” Funded by United States Department of the Interior. \$230,334, 08/08-08/10.
- **R. Loganantharaj** (PI). Azure Microsoft Machine Learning Research Award. Annotating Uncharacterized Genes Using Phylogenetic Profiles, \$20,000 Direct Cost, February 2015 – February 2016.
- **R. Loganantharaj** (PI). Azure Microsoft Research Award. “Annotating Uncharacterized Genes Using Phylogenetic Profiles,” Grant: February 2015 – February 2016.
- **D. Perkins** (Co-PI). “MRI: Development: A Distributed Visual Analytics Sandbox for High Volume Data Streams,” National Science Foundation, August 2014 – July 2018, **\$499,998**. PI – Raju Gottumukkala; Co-PIs: Ryan Benton, Christoph Borst, Vijay Raghavan, Dmitri Perkins.
- **D. Perkins.** “EAGER: Spectrum Situational Awareness-Understanding the Data,” NSF, Oct. 2014 – Sept. 2016, \$180,832. PI.
- **D. Perkins.** “Cognitive Radio Networking and Hierarchical Sensing for Situational Awareness,” Louisiana Board of Regents LINK Program, 2013, \$7000.00; PI: **D. Perkins**
- **D. Perkins.** “Hierarchical Sensing Architecture for Situational Awareness,” Office of Naval Research (ONR) Summer Research Fellow, 2013, \$16000; PI: **D. Perkins.**
- **D. Perkins.** “Designing Large-Scale Ad Hoc Networking Systems: Models, Analysis and Protocols,” National Science Foundation, 2010-2012, \$78,000; PI: **D. Perkins.**
- **Reiners, D.,** Cruz-Neira, C., Neumann, C., Multi-Channel Pharmaceutical Data Visualization. \$148,583, IMH Health, January 2013 – December 2013.
- **Reiners, D.,** Cruz-Neira, C., Neumann, C.: Real-time Ray Tracing for 360 3D Stereo Helicopter Flight Simulation, \$150,000, Bell Helicopter, January 2012 – December 2012.
- Cruz-Neira, C., **Reiners, D., Chu, H., Borst, C.,** Kolluru, K., Cech, C.: 3rd Generation Omni-Directional Treadmill Immersive Simulator, \$3,085,000. US Army Research Labs. August 2007- December 2011, Award No. W911NF-07-2-0025.
- **V.V. Raghavan,** Raju Gottumukkala, Ryan Benton, Dmitri Perkins, Christoph Borst. NSF – Computer Networks and Systems, Co-PI, MRI: Development: A Distributed Visual Analytics Sandbox for High Volume Data Streams, 48 months, \$499,998. 08/2014 – 07/2018.
- **V.V. Raghavan.** NSF- Industrial Innovation Division, PI, I/UCRC FRP: Collaborative Research: Fundamental Research in Visualization-based Gap Analysis and Link Prediction, 24 months, \$100K , 08/2013 – 07/2015 (with Ryan Benton).
- **V.V. Raghavan.** NSF- Industrial Innovation Division, PI, I/UCRC Phase I: Center for the Visual and Decision Informatics (CVDI), (Lead Institution: UL Lafayette), 60 months, \$400K, 02/2012 – 01/2017 (with Ryan Benton, Carolina Cruz-Neira, Raju Gottumukkala and Ramesh Kolluru). The total funding, including members’ funding, is over 1.72 M over 5 years.

- **V.V. Raghavan.** NSF and the State of Louisiana Board of Regents (BoR), Louis Stokes – Louisiana Alliance for Minority Participation – Senior Alliance (SA) (Year 1), NSF (2015-20)-LAMP-SA-08, \$125,000 (w/ Dr. DeCuir), 09-01-15 – 08/31/20.
- **V.V. Raghavan.** LA BoR Support Fund (ITRS), Development of an Algorithm and a Tool for Accurate Comparison of Protein and Chemical 3-D Structure, LEQSF (2015-18)/RD-B-06, **\$182,679** (with Wu Xu), 07/01/15 – 06/30/18.
- **V.V. Raghavan.** Center for Visual Decision Informatics (NSF/CVDI), “Predicting Future Relations: Incremental and Robust Link Prediction,” \$72,535 (with Raju Gottumukkala and Ryan Benton), 2015-2016
- **V.V. Raghavan.** National Science Foundation (NSF) and the State of Louisiana Board of Regents (BoR), Louis Stokes- Louisiana Alliance for Minority Participation- Phase IV (Years 1 - 5), 11/01/11 - 10/31/16, \$250,000, (with Dr. DeCuir).
- **V.V. Raghavan.** LaTRC/ Transportation Innovation for Research Exploration (TIRE) Program, PI, “Mining Potentially Interesting Positive and Negative Association Patterns from Traffic Safety Data,” \$30,000, 07/2010 – 06/2011 (with Dr. Xiaoduan Sun).
- **V.V. Raghavan.** LA BoR Support Fund, Web 3.0 and Beyond: Enhancement of the Laboratory for Internet Computing for the Future Web Generation, 07/01/09 - 06/30/10, \$97,000 (with R. Benton, C. H. Chu and Z. Wu).
- Yuan, An, **M. Totaro**, C. Chen, T. Hu, W. Ke, J. Li, X. Lin, M. Rogers, **V. Raghavan**, I-Y. Song, **W. Xu**. “Multi-industry semantic discovery tool sets for data integration, data warehousing, and e-science.” Funded project (July 2012 – Jun 2013), Center for Visual and Decision Informatics (CVDI): An NSF Industry/University Collaborative Research Center, University of Louisiana at Lafayette, Drexel University; \$132, 200 (funded).
- **N.-F. Tzeng.** National Science Foundation (NSF), Division of Computer and Network Systems. “CSR: Small: Collaborative Research: Comprehensive Algorithmic Resilience (CAR) for Big Data Analytics,” \$249,999, September 2015 through August 2018.
- S. Dwiveldi and **M.W. Totaro**. “Developing multidisciplinary lean manufacturing course through virtual reality and inquiry-based learning,” BORSF, \$154,239, BORSF Multidisciplinary (2009-10), \$139,957 (funded).
- **N.-F. Tzeng.** National Science Foundation, Division of Computing and Communication Foundations. “SHF: Small: Cooperative Memory Expansion (COMEX) for Networked Computing Systems via Remote Direct Memory Access,” \$460,000, July 2014 – June 2017.
- **N.-F. Tzeng.** National Science Foundation, Division of Computing and Communication Foundations. “SHF: Small: Reliability Enhancement via Adaptive Checkpointing in Wireless Grids,” \$420,000, August 2009 through July 2014.
- **N.-F. Tzeng.** National Science Foundation, Division of Computer and Network Systems. “NEDG: Featherlight Information Network with Delay-Endurable RFID Support,” \$366,000, September 2008 through August 2013 (jointly with H. Wu).
- **N.-F. Tzeng.** Board of Regents, State of Louisiana. “Acquisition of a Mobile Sensor System for Prototyping and Empirical Evaluation of Delay/Fault-Tolerant Mobile Sensor Networks (DFT-MSN’s), \$65,000, June 2009 through June 2011 (jointly with **H. Wu**).
- **N.-F. Tzeng.** U.S. Department of Energy, Office of Science. “Ubiquitous Computing and Monitoring System (UCoMS) for Discovery and Management of Energy Resources – Phase II,” \$950,000, August 2007 through April 2012 (as lead principal investigator,

together with other 12 co-principal investigators from UL Lafayette, LSU, and Southern University, Baton Rouge).

- **N.-F. Tzeng.** Board of Regents, State of Louisiana. “Ubiquitous Computing and Monitoring Systems (UCoMS) for Discovery and Management of Energy Resources – Phase II,” \$1,200,000 August 2007 through April 2012 (State’s matching support for the above DoE funded project).
- **H. Wu.** Project: “NeTS: Small: Large-Scale Opportunistic Data Crowdsourcing and Dissemination in Device-to-Device (D2D) Networks.” National Science Foundation (NSF), CNS-1528004, \$385,024, 2015-2018, PI.
- **H. Wu.** Project: “NeTS: Small: Distributed In-network Data Storage and Retrieval in 3D Wireless Sensor Networks,” National Science Foundation (NSF), CNS-1320931, \$372,513 (my share is about \$186,256), 2013-2016, Co-PI (with PI **M. Jin**).
- **H. Wu.** Project: “NeTS: Small: Scalable Routing in 3D Wireless Sensor Networks,” National Science Foundation (NSF), CNS-1018306, \$425,000 (my share is about \$212,500), 2010-2014, PI (with Co-PI **M. Jin**).
- **H. Wu.** Project: “Acquisition of a Mobile Sensor System for Prototyping and Empirical Evaluation of Delay/Fault-Tolerant Mobile Sensor Networks (DFT-MSN’s).” Louisiana BoRSF Enhancement Program, \$65,000 + \$20,000 university matching (my share is about \$42,500), 2009-2011, PI (with Co-PI **N.-F. Tzeng**).
- **H. Wu.** Project: “MRI: Acquisition of a Wireless Nanonetworks Integration and Emulation System for Multi-Processor SoC Research and Education,” National Science Foundation (NSF), CNS-0821702, \$500,000 + \$214,000 university matching (my share is about \$150,000), 2008-2012, Co-PI (with PI **D. Zhao** and Co-PI **M. Bayoumi**).
- **H. Wu.** Project: “NEDG: Featherlight Information Network with Delay-Endurable RFID Support (FINDERS),” National Science Foundation (NSF), CNS-0831823, \$366,000 (my share is about \$183,000), 2008-2012, PI (with Co-PI **N.-F. Tzeng**).
- **H. Wu.** Project: “CAREER: Integrated Multi-hop Wireless Networks,” National Science Foundation (NSF), CNS-0347686, \$460,000 + \$16,000 REU = \$476,000, 2004-2012, PI.
- **H. Wu.** Project: “Ubiquitous Computing and Monitoring System (UCoMS) for Discovery and Management of Energy Resources (Phase II).” Department of Energy (DoE) and Louisiana BoRSF, \$2,100,000 (my share is about \$150,000), 2007-2012, Co-PI (with PI **N.-F. Tzeng** and other Co-PIs).
- **D. Zhao.** “Wireless Network-on-Chip: A New Communication Paradigm for Heterogeneous Gigascale MPSoCs.” NSF Career, \$621,230, 2009-2015, PI/PD.
- **D. Zhao.** “A Wireless Nanonetworks Integration and Emulation System for Multi-Processor SoC Research and Education.” NSF MRI, \$500,000 (plus \$214K institute match), 2008-2013, PI/PD.

Internal Funding

- **Mohsen Amini Salehi,** Travel Grant: \$700 to attend 6th International Conference on Big Data and Cloud Computing (BDCloud '16), Atlanta, GA, Oct. 2016.
- **J. Etheredge** and **F. Ducrest,** UL Student Technology Enhancement Program (STEP) Grant G299E8. Purchase of hardware and software for the Computer Science Department’s laboratory / classroom for Video Game Design and Development. \$20,000, Fall 2014.

- **J. Etheredge** and **F. Ducrest**, UL Student Technology Enhancement Program (STEP), “Hardware Upgrades for Instructional Labs,” \$49,000. Submitted – under review, 2014.
- **M. Jin**, Jack and Gladys Theall/Board of Regents Endowed Professorship, College of Science, University of Louisiana at Lafayette, \$10,000. 2013-2016.
- **J. Etheredge** and **F. Ducrest**, Board of Regents Enhancement Program Grant. Provided technical support in the development of specifications, purchasing and installation of equipment and software, \$35,000, Fall 2011.

Other

Awards/Honors

- **X. Wu**. Alfred and Helen M. Lamson Endowed Professorship in Computer Science, 2016 - Present.
- **C. Borst**, Region 4 “Post-Secondary Educator of the Year”, 2016, LACUE.
- **C. Borst**, State winner, “Post-Secondary Educator of the Year”, 2016, LACUE.
- **C. Borst**, U.S. Ignite demo award, 2016 Smart Cities Innovation Summit.
- **M.A. Salehi**, selected to present proposal on Community Clouds for disaster management at NSF Workshop along with ICCPS Conference, April 2015.
- **M.A. Salehi**, awarded Early-Career Investigator Funding from NSF Workshop on Cyber Physical Systems and Smart Cities, March 2015.
- **M.A. Salehi**, awarded Recognized Reviewer status from Elsevier, February 2015.
- **S. Dasgupta**, selected for an Outstanding Academic Title for 2014 for *It Began with Babbage*, 2015.
- **V.V. Raghavan**, C.G. Khatri Memorial Lecturer. 2015 Rao Prize Conference, Penn State University, 2015.
- **M.A. Bayoumi**. Selected for the prestigious *Professeur Invite'* at University of Paris-Orsay in a worldwide competition.
- **C. Borst**, Press Coverage:
 - Louisiana Economic Quarterly, Q2 2014, Interface from VR Lab/CVDI Project;
 - Daily Advertiser, Interviewed about new NSF-funded VR project, Sept. 20, 2013.
- **C. Borst**. “Runner up best paper” award at IEEE 3D User Interfaces, 2011.
- **S. Dasgupta**. Biographical Entry, Who’s Who in America.
- **S. Dasgupta**. Biographical Entry, Who’s Who in the World.
- **S. Dasgupta**. Longlisted for Vodafone Crossword Award in Nonfiction (for *Awakening*), 2011.
- **F. Ducrest**. College of Sciences Outstanding Teacher Recipient, 2012.
- **M.P. Gastineau**. LACTE Teacher of the Year, 2011.
- **M.P. Gastineau**. LABE Post-Secondary Teacher of the Year, 2011.
- **M.P. Gastineau**. UL Lafayette Award for Excellence in Academic Advising, 2010 Academic Year (Received 2011).
- **S. H-Y. Hsu**. Olga Richard Schilling/BORSF Professorship in Business Systems, Analysis and Technology. 2010 - 2013
- **W. Istre**. UL Lafayette, Ray P. Authement College of Sciences - Outstanding Academic Advisor Award, 2011 & 2012.

- **M. Jin.** Jack and Gladys Theall/Board of Regents Endowed Professorship College of Science, University of Louisiana at Lafayette, 2013.
- **M. Jin.** National Science Foundation (NSF) CAREER Award, 2011.
- **A. Kumar,** Outstanding Advisor Award, 2014.
- **A. Kumar,** UL Lafayette, Ray P. Authement College of Sciences - Outstanding Academic Advisor Award, 2011.
- **A. Maida.** student, Sara Rayburn earned second place in the spring 2011 CACS student paper contest.
- **D. Perkins.** Hardy Edmiston Endowed Professorship, UL Lafayette, 2014.
- **D. Perkins.**Office of Naval Research Fellow, 2013, 2014.
- **D. Perkins.** Outstanding Professor Award, The Ray P. Authement College of Sciences, 2012.
- **D. Perkins.** Hardy Edmiston Endowed Professorship Award, 2008 – present.
- **V.V. Raghavan.** 2013 Web Intelligence Consortium (WIC) Outstanding Service Award.
- **V.V. Raghavan.** 2013-to-date Alfred and Helen Lamson/BoRSF Endowed Professorship.
- **V.V. Raghavan.** 2012-to-date Association for Computing Machinery (ACM) Distinguished Scientist.
- **V.V. Raghavan.** 2009-to date IEEE Senior Member.
- **M.E. Tozal.** Excellence in Teaching Award, Sigma Alpha Pi, 2014.
- **M.E. Tozal.** SLOAN-C Distance Learning Workshop, "Independent Applying the QM Rubric", Certificate of Completion, July 2013.
- **M.E. Tozal.** SLOAN-C Distance Learning Workshop, "New to Online, The Essentials", Certificate of Completion, March 2013.
- **M.W. Totaro.** UL Lafayette Award for Excellence in Academic Advising, 2012 Academic Year (Received 2013).
- **M.W. Totaro.** “Virtual Desktop Infrastructure (VDI) for Undergraduate Students: School of Computing and Informatics,” Michael W. Totaro, Student Technology Enhancement Program (STEP), University of Louisiana at Lafayette; \$18, 187.10 (Funded: 2012).
- **M.W. Totaro.** UL Lafayette Award for Excellence in Academic Advising, 2011 Academic Year (Received 2012).
- **B.P. West.** Association of Information Technology Professionals (AITP) Region 3 Star of the Year Award, 2013
- **H. Wu.** UL Lafayette Distinguished Professor, 2011.
- **H. Wu.** Ray. P. Authement College of Sciences Outstanding Professor, 2011.
- **H. Wu.** Alfred and Helen M. Lamson Endowed Professorship in Computer Science, 2008- present.
- **D. Zhao.** University of Louisiana at Lafayette Research Excellence Award, 2013.
- **D. Zhao.** Lockheed Martin Corporation/BORSF Endowed Professorship in Computer Science/Engineering, 2012.
- **M.A. Salehi.** Received Best Intern Award from Infosys, India, May 2012.
- **M.A. Salehi.** Awarded Internship at Infosys Ltd. India, October 2011.

Conference Chairs and Other Organization Roles

- **H. Wu**, Area TPC Chair, IEEE Conference on Computer Communications (INFOCOM), 2016.
- **C.W. Borst**, IEEE 3DUI organizing committee (Posters chair), 2015, 2016.
- **M.A. Salehi**, *Technical Program Committee Member*:
 - IEEE/ACM International Conference on Utility and Cloud Computing (UCC'15) poster session, Limassol, Cyprus, 2015
 - IEEE International Conference on Big Data and Cloud Computing (BDCloud'15), Dalian, China, 2015
 - IEEE International Conference on Ubiquitous Computing and Communications (IUCC'14), Chengdu, China, 2014
 - International Conference on Computer and Knowledge Engineering (ICCKE'15), Mashhad, Iran, 2015
- **M.A. Bayoumi**, *Chair/Panel Organizer*: "Have Microsystems replaced Microelectronics," NEWCAS, Quebec, Canada, June 2015.
- **M.A. Bayoumi**, Chair, ICECS 2015, Cairo, Egypt, December 2015.
- **M.A. Bayoumi**, General Chair, IEEE ICASSP2017, New Orleans, LA.
- **M.A. Bayoumi**, Chair/Panel Organizer: "Have Microsystems replaced Microelectronics," NEWCAS, Quebec, Canada, June 2015.
- **M.A. Bayoumi**, Chair, ICECS 2015, Cairo, Egypt, December 2015.
- **C. Borst**, Virtual Reality Co-Chair of ISVC 2011.
- **M.P. Gastineau**, *Judge*, Future Business Leaders of America (FBLA), for Job Interview, Business Ethics, and Sports & Entertainment Management presentations, *State Leadership Conference*, Lafayette Convention Center, Lafayette, LA, March 22-23, 2015.
- **M.P. Gastineau**, FBLA, Judge for Job Interview, Business Ethics, and Sports & Entertainment Management presentations, *State Leadership Conference*, Lafayette Convention Center, Lafayette, LA, March 23-24, 2014.
- **M.P. Gastineau**, Conference Coordinator, *LACTE Annual State Conference*, Chateau Bourbon Hotel, New Orleans, Louisiana, July 29-30, 2011.
- **M. Jin**, *Member*, CACS Faculty Search Committee, 2015.
- **M. Jin**, *Member*, CMIX Director Search Committee, 2015.
- **M. Jin**, *Chair*, CACS Department Grievance Committee, 2015.
- **M. Jin**, *Faculty Coordinator*, Algorithm Seminar, 2015.
- **M. Jin**, *Faculty Coordinator*, Networking Seminar, 2015.
- **M. Jin**, TPC Member, SENSORCOMM 2014.
- **M. Jin**, TPC Member, ICIT 2014.
- **M. Jin**, TPC Member, INNOV 2014.
- **M. Jin**, TPC Member, ALGOSENSORS 2014.
- **M. Jin**, TPC Member, Geometric Modeling and Processing (GMP), 2014.
- **M. Jin**, Member, Editorial Board, ISRN Computer Graphics, 2014.
- **A. Lakhotia**, *Co-Chair*, Technical Program Committee, 10th IEEE International Conference on Malicious and Unwanted Software (MALWARE), Fajardo, Puerto Rico, 2015.

- **A. Lakhotia**, *Steering Committee*, Program Protection and Engineering Workshop, New Orleans, LA, 2015.
- **A. Lakhotia**, co-Chair Technical Program Committee, IEEE International Conference on Malicious and Unwanted Software (MALWARE), Location TBD, 2014.
- **A. Lakhotia**, Steering Committee. ACM Workshop on Program Protection and Reverse Engineering, San Diego, CA, 2014.
- **A. Lakhotia**, co-Chair Technical Program Committee, IEEE International Conference on Malicious and Unwanted Software (MALWARE), Fajardo, Puerto Rico, 2013.
- **A. Lakhotia**, co-Program Chair, Program Protection and Reverse Engineering Workshop, Grenoble, France, 2012.
- **R. Loganantharaj**, Member, Editorial Board, International Journal of Biomedical Science and Engineering, 2013 – Present.
- **R. Loganantharaj**, Steering committee member of BIOT 2010-14.
- **V.V. Raghavan**, Review Board Member, Journal of Value Creation, 2015.
- **V.V. Raghavan**, Member Steering Committee, Web Intelligence Consortium (WIC), 2015.
- **V.V. Raghavan**, Member Technical Committee, Web Intelligence Consortium (WIC), 2015.
- **V.V. Raghavan**, Member Advisory Board, International Journal of Big Data Intelligence, 2015.
- **V.V. Raghavan**, Member Nomination Committee, 2015 Alex Schwarzkopf Award for the Best I/UCRC Director, 2015.
- **V.V. Raghavan**, Member, Executive Board, IEEE-CS Technical Committee for Intelligent Informatics, 2015.
- **V.V. Raghavan**, Tutorial Presenter, Visual Analytics of Large Time-Evolving Graphs, ACM-IEEE WI-IAT Conference, Singapore, December 2015.
- **V.V. Raghavan**, Panel Moderator, 2015 IEEE Big Data Conference, Panel on *Key Challenges for Future Big-Data to Knowledge (BD2K) Technologies*, Santa Clara, CA, October 2015.
- **V.V. Raghavan**, Workshop Co-Chair, 2015 IEEE Big Data Conference Workshop on *Big Data Quality Issues*, Santa Clara, CA, October 2015.
- **V.V. Raghavan**, Session Chair, 2015 International Symposium on Methodologies for Intelligent Systems, Lyon, France, October 2015.
- **V.V. Raghavan**, Participant, Round table on “*Challenges and Opportunities for Big Data Research and Development*”, BigDat 2015, Tarragona, Spain, January 2015.
- **V.V. Raghavan**, General Co-Chair, IEEE BigData Conference, Santa Clara, Ca, Oct. 2013.
- **V.V. Raghavan**, Program Chair, WI-IAT 2013 Conferences, Atlanta, Ga, Nov. 2013.
- **V.V. Raghavan**, Session Chair, IEEE BigData Conference, Santa Clara, Ca, Oct. 2013.
- **V.V. Raghavan**, Panel Moderator, IEEE BigData Conference, Santa Clara, Ca, Oct. 2013.
- **V.V. Raghavan**, Session Chair, WI-IAT 2013 Conferences, Atlanta, Ga, Nov. 2013.
- **V.V. Raghavan**, Panel Member, Statistics 2013 International Conference, Dec. 2013.
- **V.V. Raghavan**, Session Chair, Statistics 2013 International Conference, Dec. 2013.

- **V.V. Raghavan**, Session Chair, International Symposium on Methodologies for Intelligent System, Macau, China, Dec. 2012.
- **D. Reiners** - Chair for Workshops, IEEE VR 2013.
- **D. Reiners** - Co-Chair for Software Engineering and Architecture for Realtime Interactive Systems Workshop (SEARIS) at IEEE VR 2013.
- **D. Reiners** - Chair for Demonstrations, IEEE VR 2012.
- **D. Reiners** - Co-Chair for Software Engineering and Architectures for Realtime Interactive Systems Workshop (SEARIS) at IEEE VR 2012.
- **D. Reiners** - Chair for Demonstrations, IEEE VR 2011.
- **D. Reiners** - Co-Chair and Co-Program Chair for International Conference on Artificial Reality and Telexistence (ICAT) 2011.
- **D. Reiners** - Co-Chair for Software Engineering and Architectures for Realtime Interactive Systems Workshop (SEARIS) at IEEE VR 2011.
- **M.E. Tozal**, Resource Management session chair, *IEEE International Performance Computing and Communications Conference*, San Diego, California, USA, December 2013.
- **B.P. West**, Conference Co-Chair, *AITP Region 3 Student Conference*, Lafayette, Louisiana, October 2012.
- **H. Wu**, *TP Track Co-Chair*, Sensor/Embedded Networks and Pervasive Computing (SNPC) Track, International Conference on Computer Communications and Networks (ICCCN), 2015 & 2016.
- **H. Wu**, Area TPC Chair, IEEE Conference on Computer Communications (INFOCOM), 2016.
- **H. Wu**, *TPC Co-Chair*, IEEE Smart City 2015.
- **H. Wu**, *TP Co-Chair*, Wireless Communication Symposium, IEEE Globecom, 2015.
- **H. Wu**, TPC Co-Chair, IEEE 5th International Conference on Big Data and Cloud Computing, 2015.
- **H. Wu**, TPC Chair, IEEE 10th International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP), 2015.
- **H. Wu**, TP Co-Chair, Wireless Communication Symposium, IEEE Globecom, 2015.
- **H. Wu**, TP Track Co-Chair, Sensor/Embedded Networks and Pervasive Computing (SNPC) Track, International Conference on Computer Communications and Networks (ICCCN), 2014.
- **H. Wu**, Workshop Co-chair, The 6th FTRA International Conference on Computer Science and its Applications (CSA), 2014.
- **H. Wu**, TP Track Co-Chair, Sensor/Embedded Networks and Pervasive Computing (SNPC) Track, International Conference on Computer Communications and Networks (ICCCN), 2014-2015.
- **H. Wu**, Co-General Chair, 2014 International Workshop on Real-Time Cyber-Physical Systems (RTCPS), 2014.
- **H. Wu**, TPC Co-Chair, International Conference on Mobile Ad-hoc and Sensor Networks (MSN), 2013.
- **D. Zhao**, *General Chair*, IEEE Outreach Workshop on Multicore/Many-core SoC Design & Development collocated with IEEE SOCC, 2015.
- **D. Zhao**, TPC Chair, 28th IEEE International System-on-Chip Conference, 2015.

- **D. Zhao**, Financial Chair, 25th IEEE Great Lakes Symposium on VLSI 2015.
- **D. Zhao**, Special Program Chair, 24th IEEE North Atlantic Test Workshop 2015.
- **D. Zhao**, TPC Co-Chair, IEEE International SoC Conference, 2014. (Win IEEE Circuit and Systems Society Outreach Initiative 2013 with \$16,000 grant to run a SoC Tech Tutorial School collocated with 27th IEEE International system-on-Chip Conference).
- **D. Zhao**, Served as Elevator Speaker on “Wireless Testing with Inductive Coupling”, in 32nd IEEE VLSI Test Symposium, 2014.
- **D. Zhao**, Track Chair: IEEE International SoC Conference 2014-2015.
- **D. Zhao**, Session Chair, IEEE International Symposium on NOCs, 2011.
- **D. Zhao**, Session Chair, IEEE International Symposium on NOCs, 2013.
- **D. Zhao**, Session Chair, IEEE European Test Symposium, 2013.
- **D. Zhao**, Session Chair, International SOC Conference, 2012-2013.
- **D. Zhao**, Session Chair, IEEE International Symposium on Circuits and Systems, 2014.
- **D. Zhao**, TPC Member, IEEE International System-on-Chip Conference (SOCC), 2014.
- **D. Zhao**, TPC Member, IEEE International Conference on Computer Communications and Networks (ICCCN), 2014.
- **D. Zhao**, TPC Member, IEEE Great Lakes Symposium VLSI (GLSVLSI), 2014.
- **D. Zhao**, TPC Member, IEEE Asia and South Pacific Design Automation Conference (ASP-DAC), 2014.
- **D. Zhao**, TPC Member, IEEE Asian Test Symposium (ATS), 2014.
- **D. Zhao**, TPC Member, IEEE North Atlantic Test Workshop (NATW), 2014.
- **D. Zhao**, TPC Member, IEEE Workshop on RTL and High Level Testing (WRTLTL), 2014.

Conference Program Committee Members

- **M. Bayoumi** – General Chair, IEEE ICASSP2017, New Orleans.
- **M. Bayoumi** – General Chair, IEEE ICECS2013, Abu Dhabi, December 2013.
- **M. Bayoumi** – Workshop Co-Organizer, IEEE Workshop on “Internet of Things & Machine-to-Machine Communication”, Beijing, China, May 2013.
- **M. Bayoumi** – Co-General Chair, IEEE Workshop on Signal Processing Systems (SiPS2011), Beirut, Lebanon, October 4-11, 2011.
- **C. Borst** – Program Committee, International Conference on Entertainment Computing, ICEC 2014.
- **C. Borst** – Senior Program Committee, Advances in Computer Entertainment Technology Conference, ACE 2014.
- **C. Borst** – Poster Program Committee, Advanced in Computer Entertainment Technology Conference, ACE 2014.
- **C. Borst** – International Symposium on Visual Computing (ISVC), 2011, 2012
- **C.H. Chu** – Invited Participant, U. S. Intelligence Community Postdoctoral Research Fellowship Program, 2014.
- **C.H. Chu** – Panelist, U. S. National Defense Science and Engineering Graduate Program, 2014.
- **C.H. Chu** – Member, Louisiana Board of Regents’ Experimental Program to Stimulate Competitive Research (EPSCoR) Program Committee, 2014.

- **C.H. Chu** – Member, Digital Media and Enterprise Software Task Force, Louisiana Board of Regents’ Master Plan Research Advisory Committee, 2014.
- **C.H. Chu** – Member, LONI Allocations Committee, 2014.
- **C.H. Chu** – Program Committee and Session Chair, SPIE Symposium on Defense, Security, and Sensing, 2014.
- **C.H. Chu** – IEEE International Conference for Image Processing, Technical Program Committee Member, 1996-present.
- **C.H. Chu** – IEEE International Conference for Acoustics, Speech, and Signal Processing, Technical Program Committee Member, 2007-present.
- **C.H. Chu** – SPIE Symposium on Defense, Security, and Sensing, Program Committee and Session Chair, 2009-present.
- **C.H. Chu** – Board of Regents’ LONI High Performance Computing Users Symposium, Science Advisory Committee Member, 2013.
- **C.H. Chu** – SPIE Symposium on Defense, Security, and Sensing, Program Committee and Session Chair, 2009-present.
- **M. Jin** – Geometric Modeling and Processing (GMP) 2014, 2015, 2016
- **M. Jin** – INNOV 2012, 2013, 2014, 2015, 2016
- **M. Jin** – ICIT 2014
- **M. Jin**, – SENSORCOMM 2013, 2014, 2015, 2016
- **A. Lakhotia** – Co-Chair, Technical Program Committee, 9th IEEE International Conference on Malicious and Unwanted Software (MALWARE), Fajardo, Puerto Rico, 2014.
- **A. Lakhotia** – Program Committee, Program Protection and Reverse Engineering Workshop, San Diego, CA, USA, 2014.
- **M.A. Meche** – Quality Matters Training Certificate Program, “Applying the Quality Matters Rubric 5th Edition” Workshop, Online, August 2014.
- **M.A. Meche** – Online Learning Consortium Blended Learning Conference and Workshop, Online, July 2014.
- **D. Perkins** – Vehicular Technology Conference. Ad-hoc and Sensor Networks Track.
- **D. Perkins** – IEEE International Conference on Computer Communications and Networks (ICCCN).
- **D. Perkins** – IEEE International Symposium on World of Wireless, Mobile and Multimedia Networks (WOWMOM).
- **D. Reiners** – IEEE Virtual Reality (VR) 2008-2013.
- **D. Reiners** – International Symposium on Visual Computing (ISVS) 2008-2013.
- **D. Reiners** – International Conference on Artificial Reality and Telexistence (ICAT) 2011, 2013.
- **D. Reiners** – ACM Virtual Reality Software and Technology (VRST), 2013.
- **D. Reiners** – Joint Virtual Reality Conference of EuroVR – VEC (JVRC) 2009 – 2011, 2013.
- **D. Reiners** – Symposium on Virtual and Augmented Reality (SVR) 2008 - 2013
- **V.V. Raghavan** – 3rd Int’l Conference on Web Intelligence, Mining and Semantics (WIMS-2013).
- **V.V. Raghavan** – Joint Rough Sets Symposium (JRS 2013).

- **V.V. Raghavan** – WI-IAT Workshop on Web Information Retrieval Support Systems (WIRSS 2012).
- **V.V. Raghavan** – Asian Information Retrieval Societies Conference (AIRS 2012).
- **V.V. Raghavan** – Advanced Machine Learning Technologies & Applications (AMLT 2012).
- **V.V. Raghavan** – Int’l Joint Rough Set Society Conference (JRSS 2012).
- **V.V. Raghavan** – Int’l Conference on Web Intelligence, Mining and Semantics (WIMS 2012).
- **V.V. Raghavan** – IEEE Int’l Conference on Bioinformatics and Biomedicine (BIBM 2012).
- **V.V. Raghavan** – Int’l Symposium on Methodologies for Intelligent Systems (ISMIS-2011).
- **V.V. Raghavan** – ACM Conference of Special Interest Group on Information Retrieval (ACM-SIGIR 2011).
- **V.V. Raghavan** – International Conference on Web Intelligence, Mining and Semantics (WIMS-2011).
- **V.V. Raghavan** – Rough sets and Knowledge Technologies Conference (RSKT-2011).
- **V.V. Raghavan** – WI-IAT Workshop on Web Information Retrieval Support Systems (WIRSS 2011).
- **V.V. Raghavan** – International Conference on Theory of Information Retrieval (ICTIR-2011).
- **V.V. Raghavan** – Int’l Symposium on Methodologies for Intelligent Systems (ISMIS-2011).
- **V.V. Raghavan** – WI-IAT Workshop on Web Information Retrieval Support Systems.
- **V.V. Raghavan** – International Conference on Theory of Information Retrieval (ICTIR-2011).
- **V.V. Raghavan** – Int’l Symposium on Methodologies for Intelligent Systems (ISMIS-2011).
- **V.V. Raghavan** – IEEE Advanced Video and Signal Processing Surveillance.
- **H. Wu** – Conference on Computer Communications (INFOCOM). Recognized as a Distinguished Member of the 2015 IEEE INFOCOM Technical Program Committee, 2015.
- **H. Wu** – ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc), 2014.
- **H. Wu** – IEEE Conference on Computer Communications (INFOCOM), 2014.
- **H. Wu** – IEEE International Conference on Distributed Computing Systems (ICDCS), 2014.
- **H. Wu** – ACM Int’l Conference on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM), 2014.
- **H. Wu** – IEEE Global Communications Conference (GLOBECOM), 2014.
- **H. Wu** – IEEE International Conference on Communications (ICC), 2014.
- **H. Wu** – IEEE International Conference on Distributed Computing in Sensor Systems (DCOSS), 2014.
- **H. Wu** – ACM International Symposium on Mobility Management and Wireless Access (MobiWac), 2014.

- **H. Wu** – International Conference on Computing, Networking and Communications (ICNC), 2014.
- **H. Wu** – The First International Workshop on Mobile Cloud and Social Computing, in conjunction with ICDCS, 2014.
- **H. Wu** – IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC), 2014.
- **H. Wu** – IEEE/ACM International Symposium on Quality of Service (IWQoS), 2014.
- **H. Wu** – International Conference on QoS in Heterogeneous Wired/Wireless Networks (QShine), 2014.
- **H. Wu**, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), 2014.
- **H. Wu**, IEEE Conference on Computer Communications (INFOCOM), 2013.
- **H. Wu**, IEEE Global Communications Conference (GLOBECOM), 2013.
- **H. Wu**, IEEE International Conference on Mobile Ad-Hoc and Sensor Systems (MASS), 2013.
- **H. Wu**, ACM Int'l Conference on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM), 2013.
- **H. Wu**, IEEE International Conference on Communications (ICC), 2013.
- **H. Wu**, IEEE International Conference on Computer Communications and Networks (ICCCN), 2013.
- **H. Wu**, IEEE International Conference on Distributed Computing in Sensor Systems (DCOSS), 2013.
- **H. Wu**, IEEE International Conference on Networking, Architecture, and Storage (NAS), 2013.
- **H. Wu**, The First International Workshop on Mobile Cloud and Social Computing, in conjunction with ICDCS, 2013.
- **H. Wu**, IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC), 2013.
- **H. Wu**, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), 2013.
- **H. Wu**, IEEE Conference on Computer Communications (INFOCOM), 2012.
- **H. Wu**, IEEE International Conference on Mobile Ad-Hoc and Sensor Systems (MASS), 2012.
- **H. Wu**, IEEE Global Communications Conference (GLOBECOM), 2012.
- **H. Wu**, ACM Int'l Conference on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM), 2012.
- **H. Wu**, ACM/SIGMOBILE Workshop on Mobile Opportunistic Networking (MobiOpp), 2012.
- **H. Wu**, ACM International Symposium on Mobility Management and Wireless Access (MobiWac), 2012.
- **H. Wu**, IEEE International Conference on Computer Communications and Networks (ICCCN), 2012.
- **H. Wu**, IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC), 2012.

- **H. Wu**, IEEE International Conference on Networking, Architecture, and Storage (NAS), 2012.
- **H. Wu**, IEEE International Conference on Advanced Information Networking and Applications (AINA), 2012.
- **H. Wu**, International Wireless Communications and Mobile Computing Conference (IWCMC), 2012.
- **H. Wu**, ACM/IEEE International Workshop on Quality of Service, 2012.
- **H. Wu**, International Conference on Contemporary Computing (IC3), 2012.
- **H. Wu**, International Conference on Mobile Ad-hoc and Sensor Networks (MSN), 2012.
- **H. Wu**, IEEE Conference on Computer Communications (INFOCOM), 2011.
- **H. Wu**, IEEE International Conference on Mobile Ad-Hoc and Sensor Systems (MASS), 2011.
- **H. Wu**, IEEE Global Communications Conference (GLOBECOM), 2011.
- **H. Wu**, ACM Int'l Conference on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (MSWiM), 2011.
- **H. Wu**, IEEE International Conference on Computer Communications and Networks (ICCCN), 2011.
- **H. Wu**, IEEE International Conference on Advanced Information Networking and Applications (AINA), 2011.
- **H. Wu**, International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS), 2011.
- **H. Wu**, ACM/IEEE International Workshop on Quality of Service (IWQoS), 2011.
- **H. Wu**, IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC), 2011.
- **H. Wu**, IEEE Pacific Rim International Symposium on Dependable Computing (PRDC), 2011.
- **H. Wu**, International Conference on Networked Sensing Systems (INSS), 2011.
- **H. Wu**, International Workshop on Multiple Access Communications (MACOM), 2011.
- **H. Wu**, IEEE International Conference on Networking, Architecture, and Storage (NAS), 2011.
- **H. Wu**, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), 2011.
- **H. Wu**, International Conference on Computer Science and its Applications (CSA), 2011.
- **H. Wu**, IEEE International Symposium on UbiSafe Computing (UbiSafe), 2011.
- **H. Wu**, IEEE International Conference on Communications (ICC), 2009-2014.
- **D. Zhao**, Organize a SoC Tech Tutorial School with 27th IEEE International system-on-chip Conference with IEEE CASS initiative grant, 2014.
- **D. Zhao**, Best Paper Award Selection Committee Member, IEEE Asia and South Pacific Design Automation Conference, 2015.
- **D. Zhao**, 10-Year Retrospective Most Influential Paper Award Selection Committee Member, IEEE Asia and South Pacific Design Automation Conference, 2015.
- **D. Zhao**, Technical Committee Member, Elsevier Journal on Computer Communications, 2014.
- **D. Zhao**, IEEE/ACM International Symposium on NOCs.

- **D. Zhao**, IEEE European Test Symposium.
- **D. Zhao**, IEEE International Conference on Computer Communications and Network.
- **D. Zhao**, IEEE Computer Society Annual Symposium on VLSI.
- **D. Zhao**, IEEE International Conference on Computer Design

Conference Reviewers

- **C. Borst**, Reviewer, Eurohaptics 2016.
- **C. Borst**, ACM Transactions on Multimedia Computing, Communications and Applications, 2014.
- **C. Borst**, ACM CHI: Conference on Human Factors in Computing Systems, 2014-2015.
- **C. Borst**, IEEE VR Conference, 2014-2015.
- **C. Borst**, IEEE Haptics Symposium, 2014.
- **C. Borst**, Eurohaptics Conference, 2014.
- **C. Borst**, Reviewer, IEEE Haptics / Worldhaptics conference, 2011-2015.
- **C. Borst**, Reviewer, IEEE 3DUI conference, 2011, 2013, 2015-2016.
- **C. Borst**, Reviewer, JVCR (EuroVR) conference, 2011, 2012.
- **C. Borst**, Reviewer, ISVC (Visual Computing) conference, 2011, 2012
- **C. Borst**, Reviewer, ASME IDETC/CIE 2012.
- **C. H. Chu**, Louisiana Board of Regents' Supervised Undergraduate Research Experience Program, 2014.
- **C. H. Chu**, Kentucky Commercialization Fund, Kentucky Science and Engineering Foundation, 2014.
- **S. H-Y. Hsu**, Hawaii International Conference on System Sciences (HICSS), 2014
- **S. H-Y. Hsu**, Journal of Business, 2014
- **S. H-Y. Hsu**, Decision Sciences Institute (DSI)
- **M. Jin**, Proposal Review: US National Science Foundation, Georgian National Science Foundation, 2014.
- **M. Jin**, IEEE/ACM Transactions on Networking (TON).
- **M. Jin**, IEEE Transaction on Parallel and Distributed Systems (TPDS).
- **M. Jin**, IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON).
- **M. Jin**, ACM Solid and Physical Modeling (SPM).
- **M. Jin**, Geometric Modeling and Processing (GMP).
- **M. Jin**, Computer Aided Design (CAD).
- **M. Jin**, Computer-Aided Geometric Design (CAGD).
- **M. Jin**, IEEE Transaction of Visualization and Computer Graphics (TVCG).
- **M. Jin**, Pacific Graphics (PG).
- **M. Jin**, IEEE International Conference on Computer Vision (ICCV).
- **M. Jin**, IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI).
- **M. Jin**, IEEE Visualization (Vis).
- **M. Jin**, Geomatica Journal.
- **A. Kumar**, IEEE Systems Conference, 2014.

- **R. Loganantharaj**, International Journal of Bioinformatics Research and Applications (UBRA), 2014.
- **D. Perkins**, Federal Proposal Review Panels, 2015:
 - National Science Foundation
 - CISE
 - CNS
 - EARS
 - SBIR
 - CAREER
 - Department of Defense
- **D. Perkins**, IEEE ICC Conference, 2014.
- **D. Perkins**, Technical Program Committee – IEEE International Conference on Computers and Communications, 2014.
- **D. Perkins**, 4 NSF Proposal Review Panels, 2014.
- **D. Reiners**, Eurographics Conference 2008-2010.
- **D. Reiners**, ASME International Design Engineering Technical Conferences (IDETC), 2008-2013.
- **D. Reiners**, International Symposium on Mixed and Augmented Reality (ISMAR) 2011.
- **D. Zhao**, Journal/Conference Reviewer, 2014:
 - IEEE Transactions on Parallel and Distributed Systems (TPDS):
 - “Scientific Workflow Optimization”
 - “Design and Implementation of Open Flow-based Dynamic Resource Allocation Mechanism in Inter-Cloud on NetFPGA”
 - “Temporal Consistency Maintenance Upon Partitioned Multiprocessor Platforms”
 - “On an Integration of Workflow Mapping and Scheduling for Delay Minimization in Distributed Environments”
 - “Energy-Constrained Bi-Objective Data Muling in Underwater Wireless Sensor Networks”
 - IEEE Transactions on CAD (TCAD), “A Runtime Tunable Transmitting Power Technique for Improving Energy Efficiency in mm-Wave WiNoC Architectures,” 2014.
 - IEEE Transactions on Reliability (TR) Special Section on Trustworthy Computing “A Low-Cost Unified Design Methodology for Secure Test and IP Core Protection,” 2014.
 - IEEE Transactions on VLSI (TVLSI), 2014:
 - “High-Performance Deadlock-Free ID Assignment for Advanced Interconnect Protocols”,
 - “Design of 8x8 DCT Processor for High Accuracy High Performance Applications,”
 - “An Offline Method for Designing Adaptive Routing Based on Pressure Model.”
 - ACM Transactions on Embedded Computing Systems (TECS), “Action-level, Real-Time Network-on-Chip Modeling with DEVS and Statecharts Specifications,” 2014.
 - ACM Journal of Emerging Technologies in Computing Systems (JETC), “Design of 3D Wireless Network-on-Chip Architectures with Microchannel-Based Cooling,” 2014.

- IEEE Internet of Things Journal, “Towards a Practical Energy Conservation Mechanism with Assistance of Resourceful Mules,” 2014.
- Integration – the VLSI Journal, “Managing Integrated Systems Test Without Contact,” 2014.
- DAC (3 papers), ASP-DAC (18 papers), ICCCN (8 papers), SOCC (10 papers), ISCAS (12 papers), ATS (3 papers), NATW (3 papers), WRTLTL (4 papers), and ICSEC (3 papers), 2014.
- **D. Zhao**, IEEE/ACM International Symposium on Networks-on-Chip.
- **D. Zhao**, IEEE/ACM Design Automation Conference.
- **D. Zhao**, IEEE International Test Conference.
- **D. Zhao**, IEEE Asia and South Pacific Design Automation Conference.
- **D. Zhao**, IEEE VLSI Design.
- **D. Zhao**, IEEE Computer Society Annual Symposium on VLSI.
- **D. Zhao**, IEEE European Test Symposium.
- **D. Zhao**, IEEE Asian Test Symposium.
- **D. Zhao**, IEEE International Symposium on Circuits and Systems (ISCAS), 2014.
- **D. Zhao**, IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems.
- **D. Zhao**, IEEE SOC Conference.
- **D. Zhao**, IEEE Great Lakes Symposium on VLSI.
- **D. Zhao**, IEEE International Conference on ASIC.
- **D. Zhao**, IEEE International Symposium on Intelligent Signal Processing and Communication Systems.
- **D. Zhao**, IEEE International Symposium on Communications and Information Technologies.
- **D. Zhao**, IEEE Asia Pacific Conference on Circuits and Systems.
- **D. Zhao**, IEEE North Atlantic Test Workshop.
- **D. Zhao**, IEEE Workshop on RTL and High Level Testing.

Other Professional Activities

- **X. Wu**, Panel Review, 2016.
- **N.-F. Tzeng**, Technical Program Vice-Chair (for Cyber Physical Systems), 45th International Conference on Parallel Processing (ICPP 2016), August 2016.
- **C. Borst**, NSF proposal reviewer, 2016.
- **M.A. Bayoumi**, Graduate Coordinator Computer Engineering, CACS.
- **M.A. Bayoumi**, Coordinator for CACS Seminars and Distinguished Lecture Series.
- **M.A. Bayoumi**, Faculty Recruiting Committee Member, 2014.
- **M.A. Bayoumi**, Hosted Lafayette Junior Leadership, Technology & Innovation Day, 2010-2015.
- **M.A. Bayoumi**, participated in “Building Community” event, Lafayette Chamber of Commerce, 2012-2015.
- **M.A. Bayoumi**, Comprehensive Exams: Computer Design and VLSI, 2008-2015.
- **M.A. Bayoumi**, Comprehensive Exams: Computer Architecture, 2013.

- **M.A. Bayoumi**, External Advisor Board Member, Historically Black Colleges and Universities – Undergraduate Program (HBCU-UP).
- **M.A. Bayoumi**, ABET Accreditation site visit, Virginia, October 15-17, 2011.
- **M.A. Bayoumi**, Distinguished Lecturer for the Institute of Electrical and Electronics Engineers, Circuits and Systems Society for 2011-2012.
- **M.A. Bayoumi**, Panel on “Egypt Revolution” Communications Department, UL Lafayette, Burke Hall, February 3, 2011.
- **M.A. Bayoumi**, EECE Lecture, “Wireless Sensor Network”, UL Lafayette, February 7, 2011.
- **M.A. Bayoumi**, “The Role of Social Media in the Democratic Revolutions of North Africa and Southwest Asia”, Phi Beta Delta Honor Society for International Scholars, UL Lafayette, March 30, 2011.
- **M.A. Bayoumi**, Round Table Discussion, “Egypt: From Facebook to Democracy,” Employee Appreciation Week, UL Lafayette, April 1, 2011.
- **M.A. Bayoumi**, Member: International Award Committee, Le Centre International de Lafayette.
- **M.A. Bayoumi**, Board Member: Le Centre International de Lafayette, 2008-2015.
- **M.A. Bayoumi**, Member: Lafayette Chamber of Commerce, 2008-2015.
- **M.A. Bayoumi**, Member: Multimedia Systems and Applications Technical Committee of the IEEE Circuits and Systems, 2008-2013.
- **M.A. Bayoumi**, Member: Neural Networks Technical Committee of the IEEE Circuits and Systems, 2008-2013.
- **M.A. Bayoumi**, Member: VLSI Systems and Applications Technical Committee of the IEEE Circuits and Systems, Past Chairman of the Committee; also a Founding Member of this Committee, 2008-2013.
- **M.A. Bayoumi**, Member: VLSI Signal Processing Technical Committee of the IEEE Signal Processing Society, Past Chair, 2008-2013.
- **M.A. Bayoumi**, Member: Technical Program Committee of the IEEE Workshop on Signal Processing Design and Implementation, 2008-2013.
- **M.A. Bayoumi**, Member: Technical Program Committee of the International Symposium on Circuits and Systems (VLSI) Track, 2008-2013.
- **M.A. Bayoumi**, Member: Technical Committee on Circuits and Systems for Communication, former Chair (2009), 2008-2013.
- **M.A. Bayoumi**, Member: Steering Committee of the IEEE Midwest Symposium on Circuits and Systems, 2008-2013.
- **M.A. Bayoumi**, Member, Steering Committee of the Workshop on Computer Architecture for Machine Perception (CAMP), 2008-2013.
- **M.A. Bayoumi**, Member, Lafayette Leadership Institute Board, 2011.
- **M.A. Bayoumi**, Commission: IEEE Fellows Selection Committee.
- **M.A. Bayoumi**, Commission: ABET Commissioner & Team Chair.
- **C. Borst**, Referee for CACS Student Poster/Paper Contest, 2015.
- **C. Borst**, Prominent summer research awards reviewer (grants awards to students), 2015.
- **C. Borst**, CACS Accreditation Committee, 2015.
- **C. Borst**, CACS Department Newsletter – editing and working with students, 2015.
- **C. Borst**, CACS Department Web Page – created pages for new faculty members, 2015.

- **C. Borst**, CMPS Department Recruiting/Retention Committee, 2015.
- **C. Borst**, Regular participation in department comprehensives, seminars, poster contests, etc., 2015.
- **C. Borst**, Faculty Senate, 2013-2016.
- **C. Borst**, Assistant Director, UL Lafayette “CAVE Fellows” visualization and computing group, spring 2014.
- **C. Borst**, Member, UL Lafayette Graduate Appeals Committee, 2014-2016
- **C. Borst**, Chair, CACS Events & Activity Committee, 2014.
- **C. Borst**, Member, CACS Domestic Recruiting Committee, 2014.
- **C. Borst**, NSF proposal review panel, HCC program, 2013
- **C.H. Chu**, Member, UL Lafayette Task Force on Graduate School Governance, 2013–2014.
- **C.H. Chu**, Member, UL Lafayette College of Sciences Distinguished Professor/Excellence in Teaching Award Committee, 2014.
- **C.H. Chu**, Member, CACS Executive Committee, 2014.
- **C.H. Chu**, Member, Informatics Research Institute Executive Team, 2014.
- **C.H. Chu**, Louisiana Board of Regents' Experimental Program to Stimulate Competitive Research (EPSCoR) Program Committee, member, 2006-present.
- **C.H. Chu**, Louisiana Board of Regents Master Plan Research Advisory Committee, Digital Media and Enterprise Software Task Force, member, 2013
- **C.H. Chu**, Louisiana Board of Regents’ Supervised Undergraduate Research Experience Program, Reviewer, 2013.
- **C.H. Chu**, UL Lafayette College of Sciences Graduate Faculty Peer Review Committee, chair (2010-2011).
- **C.H. Chu**, UL Lafayette Learning Analytics Task Force, member, 2013.
- **C.H. Chu**, UL Lafayette Graduate Education Governance Task Force, member, 2013.
- **C.H. Chu**, UL Lafayette Blue Ribbon Commission on Healthcare, member, 2013.
- **C.H. Chu**, GE Information Technology Leadership Program information meeting, Greater New Orleans Inc., New Orleans, Apr. 2012.
- **C.H. Chu**, Digital Media Workforce Development meeting, South Louisiana Community College, Lafayette, Mar. 2012.
- **C.H. Chu**, Digital Media Workforce Development in Louisiana meeting, Louisiana Board of Regents, Baton Rouge, Mar. 2012.
- **C.H. Chu**, Board of Regents’ LONI High Performance Computing Users Symposium, Science Advisory Committee Member, 2013.
- **S. Dasgupta**, Reviewer, Oxford University Press
- **S. Dasgupta**, Interviewed and quoted on “Artificial Creativity” by Erene Stergiopoulos, The Varsity, Toronto, Canada, 2011.
- **J. Etheredge**, Coordinator, Video Game Design & Development concentration, 2014
- **J. Etheredge**, Internship Coordinator, 2014.
- **J. Etheredge**, Chair, CMPS Faculty Search Committee, 2014
- **J. Etheredge**, Chair, Internship Committee, 2014.
- **J. Etheredge**, Member, Faculty Senate, 2014.
- **G.-L. Feng**, PhD Comprehensive Exam Chair in CACS – 2011, 2012.

- **M.P. Gastineau**, Member and Visibility Committee, NBEA/NABTE Teacher Education Summit Task Force, (2008-2013).
- **M.P. Gastineau**, Faculty Advisor, Delta Sigma Pi – Business Fraternity (DSP), September 2009-August 2012.
- **M.P. Gastineau**, Owner, Software Education Plus, LLC, (2010-Present).
- **S. H-Y. Hsu**, SAP Curriculum Workshop / SAP Site License Administrator, 2011-2014.
- **S. H-Y. Hsu**, SAP ERP Basic Online Training, 2011-2014.
- **S. H-Y. Hsu**, SAP UA 2014 Academic Conference, Atlanta, GA, 2014.
- **S. H-Y. Hsu**, SAP TERP 10 workshop, TERP certified.
- **S. H-Y. Hsu**, SAP ERP Advance Training, Sam Houston State University, Texas, 2013.
- **S. H-Y. Hsu**, Conduct/supervise App Inventor Workshop for high school students, 2013.
- **S. H-Y. Hsu**, Academic Liason, STARS (Students and Teachers as Research Scientists) Program, UL Lafayette School of Computing and Informatics, 2013.
- **S. H-Y. Hsu**, 2013 STARS (Students and Teachers As Research Scientists) Conference, Atlanta, Georgia, 2013.
- **S. H-Y. Hsu**, Coordinate Informatics majors' experiential work on class projects (INFX 210, 481, and 490) with local and regional small businesses (2012-2013).
- **W.L. Istre**, Operations Coordinator for the faculty, 2015.
- **W.L. Istre**, Advising of 90+ CMPS students, 2015.
- **W.L. Istre**, Honors Advisor CMPS Honors Students, 2015.
- **W.L. Istre**, CMPS Summer Orientation/Advisor, 2015.
- **W.L. Istre**, CMPS Course Coordinator for: CMPS150, 351, & 352, 2015.
- **W.L. Istre**, CMPS Dept. Representative on Preview Day(s), 2015.
- **W.L. Istre**, CMPS Semester Class Scheduling, 2015.
- **W.L. Istre**, Preparation of Degree Plan for All Graduating Seniors, 2015.
- **W.L. Istre**, Transcript Evaluations for Transfer Students, 2015.
- **W.L. Istre**, CMPS Dept. Scholarship Coordinator, 2015.
- **W.L. Istre**, Coordination of Semester Majors Meetings, 2015.
- **W.L. Istre**, Coordinator of Annual SpringFest Activities, 2015.
- **W.L. Istre**, Judge, Mini-Urban Challenge, 2015.
- **W.L. Istre**, College of Sciences Commencement Committee, 2014.
- **W.L. Istre**, Faculty Senate, 2014.
- **W.L. Istre**, Oliver Hall Task Force, 2014.
- **W.L. Istre**, School of Computing RAP (Recruitment/Assessment/Promotion) Team, 2014.
- **W.L. Istre**, Regional Science Fair Judge, 2014.
- **W.L. Istre**, Literary Rally Exam Proctor/Grader, 2014.
- **W.L. Istre**, Advanced Credit Exam (ACE) Proctor/Grader, 2014.
- **W.L. Istre**, CMPS/CACS Graduate Assistant Placement, 2014.
- **M. Jin**, Computational results of Discrete Ricci flow have been used as the illustration of the proof of Poincare conjecture in New York Times and the cover of a Mathematics book entitled Mathematics for Elementary Teachers: A Contemporary Approach (eighth edition).
- **M. Jin**, NSF Panelist, NSF CCF 2012, 2013.
- **M. Jin**, N2WOMEN Panelist, SECON 2012.

- **M. Jin**, N2WOMEN Mentor: ICC 2012.
- **M. Jin**, Proposal review, US National Science Foundation, Georgian National Science Foundation.
- **M. Jin**, Book proposal reviewer: Bentham Science Publishers.
- **M. Jin**, Reviewer for:
 - IEEE/ACM Transactions on Networking (TON)
 - IEEE Transactions on Wireless Communications (TWC)
 - IEEE Transactions on Parallel and Distributed Systems (TPDS)
 - IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)
 - ACM Solid and Physical Modeling (SPM)
 - Geometric Modeling and Processing (GMP)
 - Computer Aided Design (CAD)
 - Computer Aided Geometric Design (CAGD)
 - IEEE Transactions of Visualization and Computer Graphics (TVCG)
 - IEEE Pacific Graphics (PG)
 - IEEE International Conference on Computer Vision (ICCV)
 - IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)
 - IEEE Visualization (Vis)
 - IEEE Geomatica Journal; and
 - IEEE Sensors Journal
- **A. Kumar**, Editor-in-Chief, International Journal on Embedded Systems and Applications, 2014.
- **A. Kumar**, Editorial board member, International Journal on Software Engineering and Applications, 2014.
- **A. Lakhotia**, Scientific Consulting, 2015:
 - CEO, Founder, Cythereal, LLC, Lafayette, LA
 - Expert Consultant, Hawkins and Garbin, LLC, Lafayette, LA
 - Co-Member, Evidence Management Systems, LLC, New Orleans
 - Co-Founder, OnlineCSR.com
 - Consultant and Technical Project Manager, Med-Data Management, Inc.
 - Expert Consultant, Lamothe & Hamilton Law Firm
 - Advisor, The Solution Set, Inc., Lafayette, LA
 - Consulting Scientist, SICOR Consortium, New Jersey
 - President and CEO, Lakhotia Software, Inc. (www.lakhotia-software.com)
- **A. Lakhotia**, Organizer, 3rd Annual Lafayette Holi Festival, 2014.
- **A. Lakhotia**, Advisor, Acadiana Indian Association, 2014.
- **A. Lakhotia**, Adjunct Professor, Amrita University, Amritapuri, India. Offered online course on Software Protection. Fall 2011 and Fall 2013.
- **A. Lakhotia**, Adjunct Professor, Birla Institute of Technology and Science, Pilani, India. Setup a “Practice School Station” at UL Lafayette for their senior internship. Hosted interns in Spring 2012 and Spring 2013.
- **L.D. Lormand**, Member, Acadiana Entrepreneurs Group, 2015.
- **L.D. Lormand**, Member, 705 Emerging Leaders, 2014-15.
- **L.D. Lormand**, Quality Matters Certification, UL Lafayette Office of Distance Learning.
- **L.D. Lormand**, Board Member, Krewe des Chiens, 2014.

- **L.D. Lormand**, Committee Chairperson, American Cancer Society, 2014.
- **L.D. Lormand**, Animal Rescue Foundation, 2014.
- **L.D. Lormand**, Festival International Volunteer, 2014.
- **A.S. Maida**, Ad hoc referee for: Cognitive Science, Computational Intelligence, CACM, Data and Knowledge Engineering, IEEE Transactions on Systems Man and Cybernetics, Journal of Experimental and Theoretical Artificial Intelligence, NSF, Encyclopedia of Artificial Intelligence, IEEE Computer, and IEEE Transactions on Neural Networks, 2015.
- **M.A. Meche**, Board Member, Web Master, Louisiana Association of Business Educators, 2014.
- **M.A. Meche**, Webmaster, Louisiana Association of Business Educators (LABE), (2012—2013)
- **M.A. Meche**, participated in Quality Matters 2014 Training Certificate Program, *Applying the Quality Matters Rubric 5th Edition Workshop* (online August), 2014.
- **M.A. Meche**, Attended the Online Learning Consortium Blended Learning Conference and Workshop, Online July 8-9, 2014.
- **M.A. Meche**, Louisiana Association of Business Educators, 1987-15.
 - 2012-2014: Webmaster
 - 2001-2012: Layout Editor (*Journal of Business and Training Education*)
- **M.A. Meche**, Received Quality Matters Certification for hybrid UNIV 200 course refresher course for Quality Matters, March 2012.
- **M.A. Meche**, Overview of Process Maker for course evaluation, November 2011.
- **M.A. Meche**, Attended Moodle Moot, Baton Rouge, LA, April 2011.
- **M.A. Meche**, Course Design Practicum, Spring 2011.
- **D. Perkins**, Conference Referee:
 - IEEE INFOCOM
 - IEEE GLOBECOM
 - IEEE International Conference on Computer Communications and Networks (ICCCN)
 - IEEE Wireless Communications & Networking Conference (WCNC);
 - IEEE Vehicular Technology Conference
 - IEEE International Symposium on World of Wireless, Mobile and Multimedia Networks (WoWMoM)
 - The Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS)
 - IEEE International Conference on Communications (ICC)
 - International Conference on Intelligent Sensors, Sensor Networks, and Information
- **D. Perkins** – National Science Foundation (NSF) Proposal Evaluation Panels – CISE, CNS, EARS, SBIR, CAREER.
- **D. Perkins**, Associate Dean, Ray P. Authement College of Sciences.
- **D. Perkins**, Chair, Graduate Council, University of Louisiana at Lafayette.
- **V.V. Raghavan**, Roundtable Participant, “Challenges and Opportunities for Big Data Research and Development”, *BigDat 2015*, Tarragona, Spain.

- **V.V. Raghavan**, Y. Xie, T. Johnsten, R.G. Benton, B. Lemoine, and D. Difallah, Special Report to the National Science Foundation, “Concept Map-based Organizer for Research Portfolios (C-MORE)”, in *CISE and SBE AC Subcommittee on Discovery in a Research Portfolio: Tools for Structuring, Analyzing, Visualizing and Interacting with Proposal and Award Portfolios*, Nov. 2011.
- **V.V. Raghavan**, Review Panel, Hazard SEES, National Science Foundation, 2013.
- **M.E. Tozal**, Chair of the Informatics Program Research Committee, School of Computing and Informatics, UL Lafayette.
- **M.E. Tozal**, Member of the Informatics Program Curriculum Committee, School of Computing and Informatics, UL Lafayette.
- **M.E. Tozal**, Member of the Informatics Program Distance Learning Initiative Committee, School of Computing and Informatics, UL Lafayette.
- **M.W. Totaro**, Co-Chair, Task Force: Study James R. Oliver Hall Space, Member IT Rapid Action Team (General Education Subcommittee, Dec. 2104 – April 15 2015.
- **M.W. Totaro**, Co-Chair, Task Force: Explore issues pertaining to possible Informatics Program and/or School, Member IT Repaid Action Team (Gen. Ed Subcommittee).
- **N.-F. Tzeng**, Member, IEEE Fellows Evaluation Committee, IEEE Computer Society, 2011, 2013-2016.
- **N.-F. Tzeng**, Panelist for proposal evaluation, NSF Division of Computing and Communication Foundations, 2011-2014.
- **B.P. West**, Member, Board of Advisor of Academy of Information Technology (AOIT) Carencro High School, 2014.
- **B.P. West**, Religious Education Teacher, St. Joseph’s Catholic Church, Milton, LA, 2014.
- **B.P. West**, Textbook Reviewer of Chapters 1, 3, 5, and 9, *Information Systems: A Practical Approach*, by F. Belanger and C. V. Slyke, (December 2009) **H. Wu**, served on NSF panels during 2008-2014.
- **H. Wu**, served as an external Ph.D. dissertation reviewer for Nanyang Technological University (NTU), Singapore, 2014.
- **H. Wu**, Tenure/Promotion Review:
 - University of North Carolina at Charlotte, 2014
 - Baylor University, 2015
 - University of Massachusetts Dartmouth, 2014
 - Nanyang Technological University (NTU), Singapore, 2014
 - National University of Singapore, 2013
 - Florida International University, 2012
 - University of Alabama, 2011
- **H. Wu**, Ph.D. Thesis Review:
 - The University of New South Wales, 2011
- **D. Zhao**, served on multiple NSF panels during 2008-2013.
- **D. Zhao**, IEEE CAS Society Technical Committee member for VLSI Systems and Applications, Communications, and Nanotechnologies and GigaScale Integration.

Office Held and Professional Memberships

- **M.A. Bayoumi**, member. Multimedia Systems and Applications Technical Committee of the IEEE Circuits and Systems.
- **M.A. Bayoumi**, member. Neural Networks Technical Committee of the IEEE Circuits and Systems.
- **M.A. Bayoumi**, member. VLSI Systems and Applications Technical Committee of the IEEE Circuits and Systems, Past Chairman of the Committee; also a Founding Member of the Committee.
- **M.A. Bayoumi**, member. VLSI Signal Processing Technical Committee of the IEEE Signal Processing Society, Past Chair.
- **M.A. Bayoumi**, member. Steering Committee of the IEEE Midwest Symposium on Circuits and Systems.
- **M.A. Bayoumi**, member. Steering Committee of the Workshop on Computer Architecture for Machine Perception (CAMP).
- **M.A. Bayoumi**, commissions. IEEE Fellows Selection Committee.
- **M.A. Bayoumi**, commissions. ABET Commissioner and Team Chair.
- **M.A. Bayoumi**, commissions. Board of Directors, CVR College of Engineering, Hyderabad, India.
- **M.A. Bayoumi**, member. International Award Committee, Le Centre International de Lafayette.
- **M. A. Bayoumi**, member. Lafayette Chamber of Commerce.
- **M.A. Bayoumi**. Hosted Lafayette Junior Leadership, Technology & Innovation Day.
- **M.A. Bayoumi**, participated in “Building Community” event, Lafayette Chamber of Commerce.
- **M.A. Bayoumi**, Lafayette Leadership Board.
- **C. Borst**, member. Association for Computer Machinery (ACM).
- **C. Borst**, member. Institute of Electrical and Electronics Engineers (IEEE).
- **C.H. Chu**, member. University Faculty Senate.
- **C.H. Chu**, member. University Department Head Task Force, Fall 2015-present.
- **C.H. Chu**, member. University Strategic Program Review Committee, Fall 2015-present.
- **C.H. Chu**, member. Graduate School Review Task Force, Fall 2013-Spring 2014.
- **C.H. Chu**, UL Lafayette Chapter of the Phi Kappa Phi Honor Society, elected executive board member (2007-2011).
- **C.H. Chu**, Registered Professional Engineer in Electrical Engineering, State of Louisiana.
- **C.H. Chu**, Senior Member, Institute of Electrical and Electronic Engineers.
- **C.H. Chu**, member. Association for Computing Machinery (ACM).
- **C.H. Chu**, member. SPIE-The Optical Engineering Society.
- **C.H. Chu**, UL Lafayette Chapter of the Phi Kappa Phi Honor Society, elected executive board member (2007-2011).
- **S. Dasgupta**, member. Association for Computer Machinery (ACM).
- **S. Dasgupta**, member. History of Science Society.
- **S. Dasgupta**, member. American Association for the Advancement of Science (AAAS).
- **F. Ducrest**, member. Association for Computer Machinery (ACM).

- **F. Ducrest**, member. SIGSE 2014.
- **F. Ducrest**, Systems Administrator for CMPS.
- **M.P. Gastineau**, Chair, Distance Learning Committee, 2014.
- **M.P. Gastineau**, member. Social Committee, 2014.
- **M.P. Gastineau**, College of Science's Facebook page, assisted Brian West with updating page with pertinent information.
- **M.P. Gastineau**, National Business Education Association, worked computer workshops at National Conference, Los Angeles, CA, April 15-19, 2014.
- **M.P. Gastineau**, Chaplain (July 2010-Present), Executive Board Member, Louisiana Association of Business Educators (LABE)
- **M.P. Gastineau**, President (2010-2011), Nominating Committee Chair (2011—2012), Executive Board Member (2008-July 2012), Louisiana Association for Career and Technical Education (LACTE)
- **M.P. Gastineau**, Assembly of Delegates Member / Bylaws & Procedures Committee Member, Association of Career and Technical Education (ACTE), 2009-2011
- **M.P. Gastineau**, member. Southern Business Education Association (SBEA)
- **M.P. Gastineau**, member. Louisiana of Computer Using Educators (LACUE)
- **S. H-Y. Hsu**, member. Decision Sciences Institute (DSI)
- **S. H-Y. Hsu**, member. Hawaii International Conference on System Sciences (HICSS)
- **S. H-Y. Hsu**, professional member. Association of Computing Machinery (ACM)
- **M. Jin**, Reviewer book proposals, Bentham Science Publishers, 2015.
- **M. Jin**, Chair, Grievance Committee, 2014.
- **M. Jin**, Member of Institute of Electrical and Electronics Engineers (IEEE)
- **M. Jin**, Faculty Coordinator, Networking Seminar, 2014.
- **M. Jin**, mentor, Networking Networking Women (N2 WOMEN), 2014.
- **A. Kumar**, Associate Director for The School of Computing and Informatics, 2014.
- **A. Kumar**, Senior Member, IEEE.
- **A. Kumar**, Assessment Officer of CMPS Program.
- **A. Kumar**, Active Contributor to assessment of CMPS & CACS Programs, received SACS Accreditation for CMIX, 2014.
- **A. Kumar**, member. UL SACS Accreditation Board, 2014.
- **A. Lakhotia**, University Assessment Council, Graduate School Appointee, 2014.
- **A. Lakhotia**, Graduate Council, Appointee of the Dean of Graduate School, 2014.
- **A. Lakhotia**, member. Faculty Senate, 2014.
- **A. Lakhotia**, Chair, Programming Languages – Ph.D. Comprehensive Exam Committee, 2014.
- **A. Lakhotia**, Advisor, Association of Indian Students, 2014.
- **A. Lakhotia**, Senior Member of IEEE.
- **A. Lakhotia**, ACM Student Chapter, CMIX, 2014.
- **A. Lakhotia**, Member of ACM.
- **R. Loganantharaj**, Chair & Coordinator, Comprehensive Exam of Algorithm and AI, 2014.
- **L.D. Lormand**, UNIV 200 Operations Coordinator, August 2012-Present.
- **M. Meche**, member. The Honor Society of Phi Kappa Phi.

- **M. Meche**, member. Phi Beta Delta, Honor Society for International Scholars.
- **M. Meche**, member. Delta Phi Epsilon (Graduate honor society for business education).
- **D. Perkins**, Search Committee, VP for Research.
- **D. Perkins**, Faculty Senate Member, 2014.
- **D. Perkins**, member. College of Sciences Strategic Planning Committee, 2014.
- **D. Perkins**, Chair. School of Computing & Informatics Strategic Planning Committee, 2014.
- **D. Perkins**, member. Department Admissions, 2014.
- **D. Perkins**, Member of IEEE.
- **D. Perkins**, Member of ACM.
- **D. Reiners**, Member of IEEE.
- **D. Reiners**, Member of ACM.
- **D. Reiners**, Member of Eurographics.
- **V.V. Raghavan**, Chair. CACS International Recruitment Committee, 2014.
- **V.V. Raghavan**, Chair. CACS Diversity Committee, 2014.
- **V.V. Raghavan**, member. CACS Colloquium Committee, 2014.
- **V.V. Raghavan**, member. CACS Personnel Committee, 2014.
- **M.E. Tozal**, member. Academic Affairs and Standards Committee (Sciences College), UL Lafayette, 2015.
- **M.E. Tozal**, Professional Member, IEEE (Institute of Electrical and Electronics Engineers) 2015.
- **M.E. Tozal**, member. Residency Committee, UL Lafayette, 2014.
- **M.E. Tozal**, member. Informatics Program Distance Learning Initiative Committee, School of Computing & Informatics, UL Lafayette, 2013-2014.
- **M. E. Tozal**, Professional Member. IEEE (Institute of Electrical and Electronics Engineers).
- **M. E. Tozal**, Chair. Informatics Program Curriculum Committee, School of Computing and Informatics, UL Lafayette, 2014.
- **M. E. Tozal**, Chair. Informatics Program Research Committee, School of Computing and Informatics, UL Lafayette, 2014.
- **M. E. Tozal**, Member, Residency Committee, UL Lafayette, 2014.
- **M. Totaro**, Chair. Dean's Representative, Science Day/SMART Festival Committee, since January 2015.
- **M. Totaro**, member. Parking Planning Committee, Spring 2015.
- **M. Totaro**, Chair. Informatics Technology Advisory Council, Fall 2015 – Present.
- **M. Totaro**, Chair. College's Recruiting, Assessment, and Promotion (RAP) Team, 2014 – Present.
- **M. Totaro**, Informatics Program Coordinator, May 2011 – May 2014.
- **M. Totaro**, Chair & Member, University General Education Committee, Fall 2013 – Present.
- **M. Totaro**, member. Graduate Faculty, Level 2 (5 year term, Spring 2015 – Fall 2019), 2015.
- **M. Totaro**, Associate Dean, Ray P. Authement College of Sciences, 10/2014-05/2015.

- **M. Totaro**, Acting Director, School of Computing and Informatics, UL Lafayette, 10/2014 – 05/2015.
- **M. Totaro**, Professional Member, Association of Computing Machinery (ACM).
- **M. Totaro**, Distance Learning Leadership Council, Fall 2011 – Summer 2015, Ray P. Authement College of Sciences Representative.
- **M. Totaro**, Member, Advising Awards Selection Committee, 2008-2011.
- **M. Totaro**, Chair IT Committee, Moody College, Spring 2011.
- **M. Totaro**, member. BSAT Dept. Representative on Dean’s Strategy & Planning Council, Spring 2011.
- **M.W. Totaro**, Professional Member, Association of Computing Machinery (ACM).
- **N.-F. Tzeng**, member. IEEE Fellows Evaluation Committee, IEEE Computer Society, 2015-16.
- **N.-F. Tzeng**, Panelist for Proposal Evaluation, NSF Division of Computing and Communication Foundations, March 2015.
- **N.-F. Tzeng**, Chair, CACS Comprehensive Exam – subject Computer Architecture, 2014.
- **N.-F. Tzeng**, member. CACS Comprehensive Exam – subject Algorithms & Theory of Computation, 2014.
- **N.-F. Tzeng**, member. IEEE Fellows Evaluation Committee, 2014.
- **N.-F. Tzeng**, member. IEEE Computer Society, 2014.
- **N.-F. Tzeng**, Panelist for proposal evaluation. NSF Division of Computing and Communication Foundations, February & June 2014.
- **N.-F. Tzeng**, fellow. Institute of Electrical and Electronics Engineers (IEEE).
- **N.-F. Tzeng**, member. Association of Computing Machinery (ACM).
- **N.-F. Tzeng**, member, USENIX (The Advanced Computing Systems Associations).
- **N.-F. Tzeng**, member. American Association for the Advancement of Science (AAAS).
- **N.-F. Tzeng**, member. Society of Petroleum Engineers.
- **B.P. West**, member. The 705 Young Professional.
- **B.P. West**, University Student Discipline Committee, 2014.
- **B.P. West**, University Continuing Education Committee, 2014.
- **B.P. West**, College of Sciences Website/Outreach Committee, 2014.
- **B.P. West**, Informatics Outreach Committee Chair, 2014.
- **B.P. West**, Admin., College of Sciences STEP Lab, 2014.
- **B.P. West**, INFX Program Virtual Desktop Infrastructure Implementation (VDI), 2014.
- **B.P. West**, SinNET, Administrator, 2014.
- **B.P. West**, Member, *the 705 Young Leaders for A Better Acadiana*, May 2013—Present
- **B.P. West**, Member, Information Systems Audit and Control Association (ISACA), March 2009-Present.
- **B.P. West**, member. Young University Professional Association (YUPA), August 2009—Present.
- **B.P. West**, Board of Advisors Member, Academy of Information Technology (AOIT), Carencro High School, August 2009-Present.
- **B.P. West**, Faculty Advisor, UL Lafayette Student Chapter of AITP, August 2009-May 2013.

- **H. Wu**, Director, School of Computing and Informatics, 2014.
- **H. Wu**, member. University Graduate Faculty Committee, 2014.
- **H. Wu**, Chair, CACS Personnel Committee, 2014.
- **H. Wu**, member. CACS Alumni Relation Committee, 2014.
- **H. Wu**, member. CACS Event & Activity Committee, 2014.
- **H. Wu**, member. CACS Recruiting Committee, 2014.
- **H. Wu**, member. IEEE.
- **H. Wu**, member. ACM.
- **D. Zhao**, member. IEEE CAS Society Technical Committee on VLSI Systems and Applications, IEEE CASS TC on Communications, IEEE CASS TC on Nanotechnologies and GigaScale Integration, 2015.
- **D. Zhao**, Lockheed Martin Endowed Professor, CACS.
- **D. Zhao**, member. UL Graduate Council, 2014.
- **D. Zhao**, committee member. UL Lafayette Graduate Faculty Review, 2014.
- **D. Zhao**, committee member. College of Science Peer Review, 2014.
- **D. Zhao**, committee member. College of Science Professorship Selection, 2014.
- **D. Zhao**, committee member. CACS Computer Engineering Student Application Review, 2014.
- **D. Zhao**, member. IEEE, IEEE Computer society, IEEE Circuit and Systems society, IEEE Communication society, IEEE Women in Engineering
- **D. Zhao**, member. ACM, ACM SIGDA
- **D. Zhao**, member. Test Technology Technical Council
- **D. Zhao**, member. JSPS Fellow US Alumni Association

Pedagogical Innovations

- **C. Borst**, Developed and tested novel educational VR software, deployed at three regional high schools: DTSMA, Comeaux, and STM.
- **F. Ducrest** – Development of a series of smart device application development courses, 2010 through 2013.
- **F. Ducrest** – Developed partnership with Red Stick Robotics, Inc. to offer dual enrollment classes centered on robotics to high school students around the State, currently working with Nona Istre to develop the curriculum for the dual enrollment courses. 2013.
- **F. Ducrest** – Developed and offered mobile device applications programming courses including Android (2010 and 2013), iPhone programming (2010 and 2013), cross platform (2011 and 2012).
- **F. Ducrest** – Developed and offered an advanced course in IT programming using .net/C#/ASP.NET. 2013.
- **F. Ducrest** – Coordinated the annual high school computer programming contest from 2008 until 2012.
- **J. Etheredge** and **F. Ducrest** – Ongoing maintenance of both hardware and software in the Computer Science program's Video Game Design and Development concentration's game laboratory and motion capture laboratory.

- **H.-Y., S. Hsu** – Develop and incorporate SAP curriculum into the INFX curriculum, 2014.
- **H.-Y., S. Hsu** – Develop the Rubrics of Assessment for INFX 490 & 481, 2014.
- **H.-Y., S. Hsu** – Conduct and supervise AppInventor workshop, Layer of Technology – Social Engineering, Python, Computer Security Workshop for high school students, 2014.
- **A. Lakhotia** – Led effort to develop dual-degree program with Amrita University, India. 2014.
- **L. Lormand**, INFX 205, Course Development, 2015 – Present.
- **L. Lormand**, INFX 205, Course Coordinator, 2015 – Present.
- **L. Lormand**, Distance Learning Initiative, 2015 – Present.
- **L. Lormand**, Outreach/Recruit, 2015 – Present.
- **L. Lormand**, Administer Advanced Credit Exam for INFX 205, 2015 – Present.
- **L. Lormand**, Faculty Coordinator for AITP, 2014.
- **L. Lormand**, INFX 418, Assessment assistance, January 2014.
- **L. Lormand**, UNIV 200 Assessment Committee Chair, 2013 – Present.
- **L. Lormand**, UNIV 200 course coordinator, 2013 – Present.
- **L. Lormand**, UNIV 200 Operations Coordinator, August 2012-Present.
- **L. Lormand**, Administer Advanced Credit Exam for UNIV 200, 2012 – Present.
- **L. Lormand**, Administer Summer Testing for UNIV 200, January 2011.
- **L. Lormand**, Teacher Component, Coordinator for field trip for 20 teachers to local businesses, Gear Up for Business, January 2010-2011.
- **V.V. Raghavan**, presented short course on “Visual Analytics of Time-Evolving Large-scale Graphs”, at the *Big Data Winter School*, Tarragona, Spain, January 2015.
<http://grammars.grlmc.com/BigDat2015/>
- **V. V. Raghavan**, actively networking and developing industry contacts for the NSF Industry University Collaborative Research Center (I/UCRC) on the theme of *Visual & Decision Informatics*, 2014.
- **H. Wu**, Organized a weekly seminar that centers on computer network research. The participants included multiple faculty members and about 20 graduate students. 2014.