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 (CMPS), The Informatics (INFX), and The Center for Advanced Computer Studies (CACS). 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 31 faculty members, 460 undergraduate students, and 166 graduate students (no changes since 2014??). The mission of the School is (i) to the extension of the computing and informatics heritage through intellectually challenging curricula as well as complementary learning opportunities; and (ii) to the advancement of computing and informatics knowledge through research discoveries and service to the profession.

This report summarizes the research and professional activities in the School between January 2010 and December 2015. Briefly, the School of Computing and Informatics (CMIX) faculty have produced the following:

- 8 patents,
- 14 books,
- 24 book chapters,
- 152 journal papers, and
- 251 conference papers.

Most papers have been published in premier journals and conferences with highly competitive acceptance rate. The faculty members have been invited to speak in various academic and industrial meetings, delivering a total of over 150 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 2010 and 2015.

During this period, the School has awarded 552 degrees, including 70 Ph.D., 352 Masters, and 130 Bachelors (also not different than reported in 2014??).

The School’s faculty have been highly active in professional services. Since 2010, they have chaired more than 82 conferences, and served on 26 journal editorial boards, over 200 conference technical committees, and numerous NSF panels.

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

Books Published


Book Chapters


Edited Volumes


37. V.V. Raghavan, Co-Editor-in-Chief. Web Intelligence Journal, 2015 – Present.


42. H. Wu, Editor. IEEE Internet of Things Journal, 2014.

43. H. Wu, Associate Editor. IEEE Transactions on Parallel and Distributed Systems (TPDS), 2014.


45. H. Wu, Editor. KSII Transactions on Internet and Information Systems, 2014.


48. V.V. Raghavan, Associate Editor. ACM Transactions on Internet Technology, 2014 – Present.


63. **V.V. Raghavan**, Associate Editor. ACM Transactions on Internet Computing (ACM-TOIT).

**Journal Papers (Published or Accepted)**


Conference Papers (Published or Accepted)


331. A. Kumar, P. Kumar, A. Shalar, and V. Naidu. “Multi-Agent Based Intelligent System for Image Fusion.” Third International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2013), Konya, Turkey, 2013.


355. A. Gupta, M. Ayhan, and A.S. Maida. “Natural image bases to represent neuroimaging data.”


370. Mohammad Amir Sharif and V.V. Raghavan. “A Large-Scale, Hybrid Approach for Recommending Pages Based on Previous User Click Pattern and Content.” ISMIS 2014: 103-112.


378. J. Lavergne, Ryan Benton, V.V. Raghavan. “TRARM-RelSup: Targeted Rare Association Rule Mining Using Itemset Trees and the Relative Support Measure,” 20th


390. F. M. Gulec, T. Bicakci, E. A. Sezer, H. Sever, and V. V. Raghavan. “Analyzing the Effectiveness of Pruning and Grouping Methods Used in Literature-Based Discovery


412. 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 3July 3, 2014. (Acceptance ratio: 28.9%).


432. **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%)


435. R. Wu, Y. Wang and **D. Zhao**. “**A Low-Cost Deadlock-free Design of Minimal-Table Rerouted XY-Routing for Irregular Wireless NoCs**,” in *IEEE International Symposium on Networks-on-Chips (NOCS’10)*, May 2010. (Acceptance Ratio: 27%).

**Posters and Demonstrations**

- **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**. Demonstrations, recruiting and promotions to visitors from CLECO, CACS Industry “Brain Trust” Lafayette High School, Xavier University, etc., 2014.
- 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.

Patents


Keynote Presentations and Invited Talks

18. M.A. Bayoumi. Plenary Lecture, “WSN: The Gate to Smart Systems.” Intel-Taiwan Research Center, National Taiwan University, Taiwan, August 2014.


60. **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, “WSNs for Oil Industry Applications.” King Saud University, January 12, 2011.


65. **M.A. Bayoumi.** Invited Speaker, “WSNs for Oil Applications.” Hokkaido University, Sapporo, Japan, October 25, 2010.


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80. **S. Dasgupta.** European Science Foundation – Philosophy of Science Group Conference on Sciences of the Artificial, Bucharest, Romania, 2011.

81. **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.


83. **M. P. Gastineau.** “Teach More, Maintain High Standards, Lower Workload!” Presenter, NBEA National Convention, Boston, Massachusetts, April 5, 2012.


85. **S. H-S. Hsu.** Invited presentation: "Big Data Analytics and HANA Development" at three universities in China.


89. **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.


91. **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.

92. **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.


94. **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.

95. **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.


97. **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.

98. **V.V. Raghavan.** “Incorporating Trust into Web Search.” Information Assurance Center, King Saud University, Saudi Arabia, June 2010.


100. **V.V. Raghavan.** “Efficient Algorithm for Discovering Potentially Interesting Patterns with Closed Itemsets.” College of Computer and Information Sciences, King Saud University, Saudi Arabia, June 2010.


Colloquia and Seminar Talks


11. **S. Dasgupta.** University of California, Merced, California, 2010.


22. **M. Jin.** “Discrete Geometry Processing,” invited summer course at the Mathematical Science Center, Tsinghua University, Beijing, China, August 2010.


24. **A. Lakhotia.** CACS Colloquium, “A Simple Observation to Published Results: Journey of Idea to Knowledge,” April 4, 2014.


29. **A. Maida.** CACS Colloquium, “Compartmental Modeling for Biological Neural Cables using a Nonlinear Parabolic PDE,” 03/20/15.


32. **A. Maida.** “Computational neuroscience: the essentials.” Presentation to Professor M. Bayoumi’s lab seminar, October 14, 2011.


35. **V. V. Raghavan.** CACS Colloquium, “Visual Analytics of Time-evolving Large-Scale Graphs,” 03/13/15.

36. **V. V. Raghavan.** CACS Colloquium, “Massive Data Analysis: Applications and Challenges,” 09/05/14.


46. **H. Wu.** “Mobile Opportunistic Networks: Challenges and Solutions,” School of Software Engineering, Northeastern University, China, July, 2013.
48. **H. Wu.** “Communications in Challenged Networking Environment,” School of Electrical and Information, Wuhan University, May, 2011.
49. **D. Zhao.** Challenges and Opportunities in Manycore Interconnection and Communication,” CACS Colloquium, 2012

**Contributed Talks**


**Graduate Student Production**

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

- **C. Borst**, Nicholas Lipari, Chair, in progress, 2015.
- **C. Borst**, Prabhakar Vemavarapu, Chair, in progress, 2015.
- **M. Jin**, Ph.D. Dissertation Committee:
  - Sumi Singh, *graduated* August 2015
- M. Jin, Xuan Li, ongoing 2015.
- A. Lakhotia, Craig Miles, Ph.D., graduated 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, 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, Elman Bashar, Chair, continuing, 2015.
- 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
- M.A. Bayoumi, Sherine Abdelhak, Chair 2010
- M.A. Bayoumi, Yasser Ismail, Chair 2010
- M.A. Bayoumi, Jason McNeely, Chair 2010
- M.A. Bayoumi, Zaher Merhi, Chair 2010
- M.A. Bayoumi, Abhijit Sil, Chair 2010
- 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, 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.
• 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.
• 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.
• R. Loganathanraj, Elshaimaa Ali, Ph.D., spring 2014.
• R. Loganathanraj, Mohammad Amir Sharif, Ph.D., spring 2014.
• R. Loganathanraj, Paul Bible, Ph.D., spring 2013.
• A. Maida, Padraic Edgington, Ph.D., ongoing 2014.
• 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.
• 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**, Yan He, Ph.D., Cross-Layer Mobility and Association Management in Multi-hop Wireless Networks, 2010.
• **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**, Jayasimha Katukuri, Ph.D., “Relationship Extraction and Hypothesis Discovery from Biomedical Literature.” 2012.
• **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, 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)
• 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.
• 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

• H. Wu, Guest Editor, IEEE Communications Magazine Special Issue on Recent Advances in Green Industrial Networking, 2015.
• **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.
• **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**, 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.
• **D. Reiners**, Associate Editor, Computers & Graphics, 2011-2013
• **D. Reiners**, Member of the Editorial Board, Computers & Graphics, 2008 – 2010
• **D. Reiners**, Member of the Editorial Board, Open Virtual Reality Journal, 2009 – 2011
• **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, of International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC), 2009-present.

**Journal Referees**

• 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, Future Generation Computer Systems Journal (FGCS).
• M. A. Salehi, Reviewer, IEEE Transactions on Services Computing (TSC).
• M. A. Salehi, Reviewer, ACM Transactions on Internet Technology (TOIT).
• M. A. Salehi, Reviewer, Future Generation Computer Systems Journal (FGCS).
• 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, ASME IDETC/CIE 2012.
• C. Borst, Book Proposal Reviewer for Morgan Kaufmann Publisher.
• C.H. Chu, IEEE Transactions on Neural Networks.
• C.H. Chu, Referee, Journal of Electronic Imaging.
• C.H. Chu, Referee, Optical Engineering.
• S. H-Y. Hsu, Journal of Business Research.
• S. H-Y. Hsu, Hawaii International Conference on System Sciences (HICSS).
• 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 on Pattern Analysis and Machine Intelligence (PAMI).
• M. Jin, Graphical Models.
• M. Jin, Geomatica Journal.
• M. Jin, Ad Hoc & Sensor Wireless Networks.
• R. Loganantharaj, IEEE/ACM Transactions on Computational Biology and Bioinformatics.
• A. Maida, Ad hoc, referee for IEEE Transactions on Neural Networks and Learning Systems, 2012
• D. Perkins, IEEE Transactions on Wireless Communications.
• D. Perkins, IEEE Transactions on Networking.
• 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.
• 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 Transactions on Vehicular Technology.
• H. Wu, IEEE Transaction on Parallel and Distributed Systems.
• 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 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

**Funding**

**External Funding**

- **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.
- **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.
- **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.** (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: “CRI: MEMS Integration Infrastructure,” 06/06 – 05/12, $300,000.
- **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.** (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) 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.


• **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.

• G. Carlson and **M. Gastineau**. “Teachers Gear-Up for Business,” GEAR UP (Gaining Early Awareness & Readiness for Undergraduate Programs), April-June 2010, $8,000

• **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.


• **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 Elgamal (Co-PI), Mohammad Madani (Co-PI), Award number CNS-0551478, funded 2006-2011, $298,848.


• **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. 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.


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- **Cruz-Neira, C. and Reiners, D.** University of Louisiana at Lafayette Cybertools Summer Outreach 2010. State of Louisiana Board of Regents, June-September 2010. $32,894.
- **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.** 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).

• **V.V. Raghavan.** NSF Planning Grant for Industry/University Collaborative Research Center for Visual Decision Informatics, 08/15/2008, 07/31/2010, $10,000 (with B. Clark, M. Zappi and C. Cruz-Niera).


• **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.


• **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: “A Quadcopter-Based 3D Flying Platform for Cooperative Robotics Research,” Louisiana BoRSF Pilot Program, $10,000, 2010, PI.

- **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-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.** “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**

- **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.


- **M. Jin.** Jack and Gladys Theall/Board of Regents Endowed Professorship, College of Science, University of Louisiana at Lafayette, $10,000. 2013-16.
• **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**

• **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:
  o Louisiana Economic Quarterly, Q2 2014, Interface from VR Lab/CVDI Project;
• **C. Borst**, “Runner up best paper” award at IEEE 3D User Interfaces, 2011.
• **S. Dasgupta**, Biographical Entry, Who’s Who in America.
• **S. Dasgupta**, Longlisted for Vodafone Crossword Award in Nonfiction (for Awakening), 2011.
• **S. Dagupta**, Featured article about me by Ramon Loueriro, La Viz de Galicia, Galicia, Spain, 2010.
• **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).
• **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, 2010 & 2011.
A. Maida, student, Sara Rayburn earned second place in the spring 2011 CACS student paper contest.
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.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

M.A. Salehi, Technical Program Committee Member:
- 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. 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.
- **A. Lakhotia**, Co-Chair, Technical Program Committee, 10th IEEE International Conference on Malicious and Unwanted Software (MALWARE), Fajardo, Puerto Rico, 2015.
- **A. Lakhotia**, co-Chair Technical Program Committee, IEEE International Conference on Malicious and Unwanted Software (MALWARE), Location TBD, 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, Steering committee member of BIOT 2010-14.

• R. Loganantharaj, Organized and chaired the 7th Annual Biotechnology and Bioinformatics Symposium in October 2010 in Lafayette, Louisiana.

• 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, 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, Session Chair, WI-IAT 2013 Conferences, Atlanta, Ga, Nov. 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.

• V.V. Raghavan, General Chair, Symposium on the Foundations and Practice of Data Mining: held in conjunction with IEEE Conference on Granular Computing, San Jose, Ca, Aug. 2010.
- **V.V. Raghavan**, Program Committee Co-Chair, IEEE International Conference on Web Intelligence, IEEE WI-IAT 2010 Conference, Toronto, Canada, Sept. 2010.
- **D. Reiners** - Chair for Workshops, 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.
- **D. Reiners** - Chair for Demonstrations, IEEE VR 2010.
- **D. Reiners** - Co-Chair for Software Engineering and Architectures for Realtime Interactive Systems Workshop (SEARIS) at IEEE 2010.
- **B.P. West**, Conference Co-Chair, *AITP Region 3 Student Conference*, Lafayette, Louisiana, October 2012.
- **H. Wu**, Area TPC Chair, IEEE Conference on Computer Communications (INFOCOM), 2016.
- **H. Wu**, *TPC Co-Chair*, IEEE Smart City 2015.
- **H. Wu**, TPC Chair, IEEE 10th International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP), 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**, TP Track Co-Chair, Sensor/Embedded Networks and Pervasive Computing (SNPC) Track, International Conference on Computer Communications and Networks (ICCCN), 2014-2015.
• **H. Wu**, TPC Co-Chair, International Conference on Mobile Ad-hoc and Sensor Networks (MSN), 2013.

• **H. Wu**, TPC Co-Chair, The 2010 IEEE International Symposium on Social Computing and Networking (Social-Net), Hangzhou, China, October 30 - November 1, 2010.


• **H. Wu**, TPC Co-Chair, IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC), 2010. 8).

• **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**, Served as Elevator Speaker on “Wireless Testing with Inductive Coupling”, in 32nd IEEE VLSI Test Symposium, 2014.


• **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 (WRTLT), 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** – Co-General Chair, IEEE Workshop on Signal Processing Systems (SiPS2011), Beirut, Lebanon, October 4-11, 2011.

• C. Borst – Senior Program Committee, Advances in Computer Entertainment Technology Conference, ACE 2014.
• C.H. Chu – Member, Louisiana Board of Regents’ Experimental Program to Stimulate Competitive Research (EPSCoR) Program Committee, 2014.
• C.H. Chu – Member, LONI Allocations Committee, 2014.
• C.H. Chu – IEEE International Conference for Image Processing, Technical Program Committee Member, 1996-present.
• C.H. Chu – SPIE Symposium on Defense, Security, and Sensing, Program Committee and Session Chair, 2009-present.
• 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
• M. Jin – ICIT 2014
• M. Jin – SENSORCOMM 2013, 2014
• 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 – Online Learning Consortium Blended Learning Conference and Workshop, Online, July 2014.
• 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** – International Conference on Artificial Reality and Telexistence (ICAT) 2011, 2013.
• **D. Reiners** – ACM Virtual Reality Software and Technology (VRST), 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 (AMLTA 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** – 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** – ACM Conference of Special Interest Group on Information Retrieval (ACM-SIGIR 2010).
• **V.V. Raghavan** – ACM Conference on Information and Knowledge Management (ACM-CIKM 2010).
• **V.V. Raghavan** – 7th Annual Biotechnology and Bioinformatics Symposium (BIOT 2010).
• **V.V. Raghavan** – Workshop on Web Mining and Information retrieval (WMIR 2010) held in conjunction with ISDA 2010.
• **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** – ACM Conference of Special Interest Group on Information Retrieval (ACM-SIGIR 2010).
• **V.V. Raghavan** – ACM Conference on Information and Knowledge Management (ACM-CIKM 2010).
• **V.V. Raghavan** – 7th Annual Biotechnology and Bioinformatics Symposium (BIOT 2010).
• **V.V. Raghavan** – Workshop on Web Mining and Information Retrieval (WMIR 2010) held in conjunction with ISDA 2010.
• **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** – IEEE Conference on Computer Communications (INFOCOM), 2014.
• **H. Wu** – IEEE International Conference on Distributed Computing Systems (ICDCS), 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** – International Conference on Computing, Networking and Communications (ICNC), 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 Communications (ICC), 2013.
- H. Wu, IEEE Global Communications Conference (GLOBECOM), 2011.
- 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 Computer Communications and Networks (ICCCN), 2011.
• **H. Wu**, IEEE International Conference on Advanced Information Networking and Applications (AINA), 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**, International Workshop on Multiple Access Communications (MACOM), 2011.
• **H. Wu**, IEEE International Conference on Networking, Architecture, and Storage (NAS), 2011.
• **H. Wu**, International Conference on Computer Science and its Applications (CSA), 2011.
• **H. Wu**, IEEE Conference on Computer Communications (INFOCOM), 2010.
• **H. Wu**, 2010 IEEE Global Communications Conference (GLOBECOM), 2010.
• **H. Wu**, International Conference on QoS in Heterogeneous Wired/Wireless Networks (qose), 2010.
• **H. Wu**, The Wireless Internet Conference (WICON), 2010.
• **H. Wu**, International Conference on Sensor Technologies and Applications (SENSORCOMM), 2010.
• **H. Wu**, IEEE PerCom Workshop on Pervasive Wireless Networking, 2010
• **H. Wu**, The 8th Conference on Communications Networks and Services Research (CNSR), 2010.
• **H. Wu**, International Workshop on Multiple Access Communications (MACOM), 2010.
• **H. Wu**, The Second Conference on Future Computer and Communications (ICFCC), 2010.
• H. Wu, International Conferences on Sensor Networks & Applications (SNA), 2010.
• 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, IEEE Haptics Symposium, 2014.
• C. Borst, Eurohaptics Conference, 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, 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, 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.
• D. Perkins, Federal Proposal Review Panels, 2015:
  o National Science Foundation
  o CISE
  o CNS
  o EARS
  o SBIR
  o CAREER
  o Department of Defense
• D. Reiners, Eurographics Conference 2008-2010.
• D. Reiners, International Reviewer for Natural Sciences and Engineering Research Council of Canada (NSERC) 2010.
• D. Zhao, Journal/Conference Reviewer, 2014:
  o 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”
  o 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.”
  o DAC (3 papers), ASP-DAC (18 papers), ICCCN (8 papers), SOCC (10 papers), ISCAS (12 papers), ATS (3 papers), NATW (3 papers), WRTLT (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 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 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

- 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, 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, Round Table Discussion, “Egypt: From Facebook to Democracy,” Employee Appreciation Week, UL Lafayette, April 1, 2011.
• M.A. Bayoumi, ABET Evaluator, Bahrain, December 1-9, 2010.
• M.A. Bayoumi, Member, Faculty Senate, 2008-2010.
• 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: 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: Technical Program Committee of the IEEE Workshop on Signal Processing Design and Implementation, 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, spring & fall 2014.
• 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 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 Campus Wireless Futures Committee, member, 2010.
• C.H. Chu, UL Lafayette College of Sciences Graduate Faculty Peer Review Committee, chair (2010-2011).
- S. Dasgupta, Reviewer, Oxford University Press
- J. Etheredge, Coordinator, Video Game Design & Development concentration, 2014
- J. Etheredge, Chair, CMPS Faculty Search Committee, 2014
- J. Etheredge, Chair, Internship Committee, 2014.
- J. Etheredge, Member, Faculty Senate, 2014.
- M.P. Gastineau, Advisory Board Member, Northside High School Business Department (2008-2010).
- M.P. Gastineau, Faculty Advisor, Delta Sigma Pi – Business Fraternity (DSP), September 2009-August 2012.
- S. H-Y. Hsu, SAP Curriculum Workshop / SAP Site License Administrator, 2011-2014.
- 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 Liaison, 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**, 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, 201.
• **W.L. Istre**, Regional Science Fair Judge, 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**, N2WOMEN Panelist, SECON 2012.
• **M. Jin**, N2WOMEN Mentor: ICC 2012.
• **M. Jin**, Proposal review, US National Science Foundation, Georgian National Science Foundation.
• **M. Jin**, Reviewer for:
  o IEEE/ACM Transactions on Networking (TON)
  o IEEE Transactions on Wireless Communications (TWC)
  o IEEE Transactions on Parallel and Distributed Systems (TPDS)
  o IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)
  o ACM Solid and Physical Modeling (SPM)
  o Geometric Modeling and Processing (GMP)
  o Computer Aided Design (CAD)
  o Computer Aided Geometric Design (CAGD)
  o IEEE Transactions of Visualization and Computer Graphics (TVCG)
  o IEEE Pacific Graphics (PG)
  o IEEE International Conference on Computer Vision (ICCV)
  o IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)
  o IEEE Visualization (Vis)
  o IEEE Geomatica Journal; and
  o IEEE Sensors Journal
• **A. Lakhotia**, Scientific Consulting, 2015:
  o 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, Lakhota 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 2010, 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, Festival International Volunteer, 2014.
• 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, Attended the Online Learning Consortium Blended Learning Conference and Workshop, Online July 8-9, 2014.
  o 2012-2014: Webmaster
  o 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.
• M.A. Meche, Completed certification for Certified Online Teacher. Courses were designed and implemented by the Office of Distance Learning, 2010.
• **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.

• **D. Reiners**, NSF Panel Reviewer 2010.

• **V.V. Raghavan**, Roundtable Participant, “Challenges and Opportunities for Big Data Research and Development”, *BigDat 2015*, Tarragona, Spain.


• **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).


• 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, Business Data Communications (6th ed.), by W. Stallings, (September 2010).
• H. Wu, served as an external Ph.D. dissertation reviewer for Nanyang Technological University (NTU), Singapore, 2014.
• H. Wu, Tenure/Promotion Review:
  o University of North Carolina at Charlotte, 2014
  o Baylor University, 2015
  o University of Massachusetts Dartmouth, 2014
  o Nanyang Technological University (NTU), Singapore, 2014
  o National University of Singapore, 2013
  o Florida International University, 2012
  o University of Alabama, 2011
  o Indiana University South Bend, 2010
• H. Wu, Ph.D. Thesis Review:
  o The University of New South Wales, 2011
  o National University of Singapore, 2010
  o Universita’ di Pisa, 2010
• 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. 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, 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, 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).


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, 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**, 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 of 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 of Institute of Electrical and Electronics Engineers (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 of College of Sciences Strategic Planning Committee, 2014.

• **D. Perkins**, Chair. School of Computing & Informatics Strategic Planning Committee, 2014.

• **D. Perkins**, Member of 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, 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, Chair. Informatics Technology Advisory Council, Fall 2015 – Present.
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**, fellow. Institute of Electrical and Electronics Engineers (IEEE).


• **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**, 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. ACM, ACM SIGDA
• D. Zhao, member. Test Technology Technical Council
• D. Zhao, member. JSPS Fellow US Alumni Association

Pedagogical Innovations

• F. Ducrest – Virtual classroom development project 2010.
• F. Ducrest – Created and lead the open source Interactive Virtual Classroom Project. The system was developed by a collaboration of graduate and undergraduate students http://fidelio.cacs.louisiana.edu/fdd/ivc/ Fall 2008 through Spring 2010.
• 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.
• A. Kumar – Developed and offered a new course entitled Game Engine Algorithms and Architecture, CMPS 426(G), has been created and added to the curriculum. This is an innovative and unique course, which covers advanced algorithms and principles that used in game engines such as collision detection and response, navigation, physics based methods for modeling. This course was first offered in the spring of 2010.
• **A. Lakhotia** – Led effort to develop dual-degree program with Amrita University, India. 2014.

• **L. Lormand**, INFX 205, Course Coordinator, 2015 – Present.
• **L. Lormand**, Outreach/Recruit, 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 Operations Coordinator, August 2012-Present.
• **L. Lormand**, Teacher Component, Coordinator for field trip for 20 teachers to local businesses, Gear Up for Business, January 2010-2011.
• **L. Lormand**, UNIV 200 course development with faculty, 2010 – Present.
• **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.