

Wenli Wang, PhD

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Profile

Highly qualified and proven researcher, educator, and professional offers business expertise and technical skills in e-commerce (e-market, e-learning & e-entertainment); security & assurance; auctions & pricing; decision sciences & data analysis; telecommunications & networking; art & technology; etc.

Respected innovative thinker and strategist; Led various research efforts and has authored major interdisciplinary research papers in business, economics, and computer science; Consulted businesses and the U.S. government.

Proven capability to conduct quantitative and qualitative research, and skillful in both empirical studies and mathematical modeling; Proven capability to graduate quality PhD students.

Equipped with excellent leadership, management, and interpersonal skills; Skillful in building relationships; Compassionate & mindful; Accomplished athlete; Fluent in English and Mandarin.

Experience

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| 2000-2005 | Assistant Professor, Department of Information Systems and Operations Management, Goizueta Business School, <i>Emory University</i> , Atlanta, GA |
| 2005-2006 | Visiting Professor, Department of Management Information Systems, Lee Business School, <i>University of Nevada at Las Vegas</i> , Las Vegas, NV |
| 2006-2012 | Faculty Lead (=Program Director), BSCS; Faculty Lead (=Associate PD), CBA-CIS PhD Program; Professor, College of Business Administration, College of Information Systems, <i>Trident University International</i> , Cypress, CA |
| 2012-present | Associate Professor, Computer and Information Systems, School of Communications and Information Systems, <i>Robert Morris University</i> , Moon, PA |

Education

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| 2000 | Ph.D. majored in <i>Management Information Systems</i> (top 5 program) and minored in <i>Economics</i> and <i>Computer Science</i> , University of Texas at Austin
Advisor: Andrew B. Whinston
Dissertation: Control and Assurance Services for Electronic Commerce |
| 1995-96 | Graduate study in <i>Mathematics</i> , West Texas A&M University, Canyon, TX |
| 1994-95 | Graduate study in <i>Computer Software</i> , Beijing University of Posts and Telecommunications (BUPT), Beijing, P. R. China.
Advisor: Wang, Zhanning, Vice Minister of Foreign Affairs, Ministry of Posts and Telecomm; Chairman, 22 nd Universal Postal Congress (UPC). |
| 1994 | B.Sc. in <i>Computer Science</i> , cum laude (top 3%), BUPT |

Journal Publications

1. "Buy-price English Auction." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. *Journal of Economic Theory*. July 2006, Volume 129, Issue 1, pp.31-52. (acceptance w/o revision at 1st round).
2. "Binary Vickrey Auction – A Robust and Efficient Multi-unit Sealed-bid Auction against Buyer False-name Bids." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. *Decision Support Systems*. March 2007. Volume 43, Issue 2, Pages 301-312.
3. "Neutralizing Piracy of Motion Pictures – Reengineering the Supply Chain of the Industry." David A. Cook and Wenli Wang. *Technology in Society*. November 2004.
4. "Designing Mechanisms for E-Commerce Security: An Example from Sealed-bid Auctions." Wenli Wang, Zoltán Hidvégi and Andrew B. Whinston. *International Journal of Electronic Commerce*. Winter 2001-2002.
5. "E-Process Design and Assurance Using Model Checking." Wenli Wang, Zoltán Hidvégi, Andrew D. Bailey, and Andrew B. Whinston. *IEEE Computer*. October 2000.

Close-to-complete Research (model/data analysis done; need strengthen lit rev or shorten writing)

Targeted A/A- Journals:

1. "Shill-Proof Fee (SPF) Schedule: the Sunscreen against Seller Shill Bidding in English Auctions." Wenli Wang, Zoltán Hidvégi, and Andrew B. Whinston. Target: *Management Science* or *Economic Modeling*
2. "Witness: Mechanism Design for Grid Computing." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. Target: *Management Science* or *Information Systems Research*
3. "Is Sarbanes Oxley Act Too Expensive? – An Empirical Study from the Oil and Gas Industry." Ralph Wayne Ezelle, Wenli Wang, and Nahum Biger. Target: *The Accounting Review* or *Journal of Accounting Research*
4. "Test of Theory of Constraints and the Impact of Information Transparency on Administrative Processes Improvement: An Experiment from Government Procurement." Christopher Knaggs, Wenli Wang, and Stephen Pollard. Target: *Journal of Operations Research* or *Administrative Science Quarterly*
5. "An Examination of the Impacts of Aggressive Tax Reporting, Earning Management, and Risk Taking on Tax Cushion in a Post FIN48 Environment." Rudolph F. Lalak, Joshua Shackman, Yang Chieng, and Wenli Wang. Target: *Journal of Accounting Research*
6. "Management of Change to Ensure IS Success: A Longitudinal Study." Pauline Ash, Wenli Wang, Jerry Chang, and Geoffrey Hubona. Target: *MIS Quarterly*
7. "Post-trauma Growth, Global Management Competence, and Repatriation – Enablers of Retention after Risk Exposures in International Experiences." Gregorio Huerta, David Hunt, Wenli Wang, Michael J. Stevens, and James M. Stevions. Target: *Journal of International Business Studies*

Targeted B+/B Journals:

8. "Sequential English Auctions with Shill Bidding." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. Targeted: *Decision Support Systems* or *Economic Modeling*
9. "Satisfaction, Self-efficacy, and Compliance in Mandatory Technology Settings." Vipin Devgan, Wenli Wang, and Yajiong Xue. Target: *European Journal of Information Systems*

Targeted B-/C Journals:

10. "Deterring Adolescent Dependency on Text Messaging: A Conceptual Model and Framework for Behavior Control." Tom Barto and Wenli Wang. Target: *Communications of the Association for Information Systems*
11. "The Benefits of Unexpected Informal Customer Support from Vendors in Online Communities." Yitshak Merin and Wenli Wang. Target: *Communications of the Association for Information Systems*

Research-in-progress

1. "Mergers and Acquisitions: the Roles of Cultural/Relationship Fit and Human Integration in Cultural/Relational Convergence and Organizational Commitment," with Devann M. Steele, Terrill Frantz and Markus Vodosek. (proposal defended)
2. "Security and IT Adoption: an Empirical Study of Smartphone Usage," with Sanjeev Mitra and Jerry Chang. (close to proposal defense)
3. "Job Satisfaction: Scaling the Formative and Reflective Paradigm," with Dawn Hall, Joshua Shackman and Yufeng Tu. (proposal defended)
4. "The Effectiveness of a Web-based Mercury Calculator as an Intervention to Reduce Methylmercury Mercury Exposure," with Sharon D. Wallace, Heidi Sato, and Molly Rose. (proposal defended)
5. "Utilizing a Content Delivery Network to Reduce Costs of Infrastructure Expansion for Web Application Delivery in Bandwidth Restricted Areas," with David Honeywell. (data source available)
6. "The Role of Karma in Business Ethics," with David Pauleen. (conducting interviews)
7. "The Impact of Technology on the Change in Social Ties: An Empirical Study among Tibetan Monks."
8. "Back to the Future: Mindfulness and Modern Technology."

Conference Publications/Presentations

1. "Enabling beliefs, Satisfactions, and Information Security Compliance in Mandatory Technology Settings." Vipan Devgan, Wenli Wang, and Yajiong Xue. Proceeding of the 11th Workshop on e-Business (*WEB'12*). Orlando, FL, December 2012.
2. "Information Transparency – An Enabler of Theory of Constraints Success in Administrative Process Improvement." Christopher Knaggs, Stephen Pollard, and Wenli Wang. Proceedings of the 11th Workshop on e-Business (*WEB'12*). Orlando, FL, December 2012.
3. "Applying Theory of Constraints in Administrative Process: An Experiment from the U.S. Government." Christopher Knaggs, Stephen Pollard, and Wenli Wang. *Proceeding of the International Conference on Management Science and Engineering (ICMSE'12)*. Dallas, TX, September 2012.
4. "Post-Traumatic Growth and Global Management Competence – Enablers of Retention after Risk Exposure in International Assignment Experiences." Gregorio Huerta, Wenli Wang, David Hunt, Michael J. Stevens, and James M. Stevison. *Proceeding of the International Conference on Management Science and Engineering (ICMSE'12)*. Dallas, TX, September 2012.
5. "Management of Change to Ensure IS Success: A Longitudinal Study." Pauline Ash, Wenli Wang, Jerry Chang, and Geoffrey Hubona. *Proceeding of the International Conference on Information Systems (ICIS'11)*. Shanghai, China, December 2011.
6. "Deterring Adolescent Dependency on Text Messaging: A Conceptual Model and Framework for Behavior Control." Tom Barto and Wenli Wang. *Proceeding of the 16th Americas conference on Information Systems (AMCIS'10)*. Lima, Peru, August 2010.
7. "The Benefits of Unexpected Informal Customer Support from Vendors in Online Communities." Yitshak Merin and Wenli Wang. *Proceedings of the 14th Americas Conference on Information Systems (AMCIS'08)*. Toronto, CA, August 2008.

8. "Current Research on List Prices in Online Auctions." invited keynote speech, *2007 Annual Conference of the China Information Economic Society (CES'07)*. Harbin, China, Jan 6-8, 2007.
9. "To the Question 'Does IT Matter?' Hollywood Answers 'Yes'." David A. Cook and Wenli Wang. *Proceedings of the 38th Annual Hawaii International Conference on System Sciences (HICSS'05)*. Hawaii, January 2005 (acceptance without any revisions).
10. "General Guidelines of Internal Control over Internet-based Electronic Commerce." Wenli Wang and Minnie Yi-Min Yen. *Asia Pacific Decision Science Institute (APDSI'05)*. Taiwan, June 2005.
11. "Preserving and Interpreting Culture Heritage: Lessons Learned from Film Restoration." Wenli Wang and David A. Cook. *Pre-ICIS04 Workshop on e-Culture, U-Tourism and Virtual Heritage*. Washington D.C., December 2004.
12. "The IS Framework for Preserving Dance Heritage." Wenli Wang. *Pre-ICIS04 Workshop on e-Culture, U-Tourism and Virtual Heritage*. Washington D.C., December 2004.
13. "Sequential Auctions with Shill Bidding." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. *The Fifth International Conference on Electronic Commerce (ICEC'03)*. Pittsburgh, Oct 2003 (invited paper).
14. "Buy-price English Auction." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. *Workshop for Information Systems and Economics (WISE'02)*. Barcelona, Spain. December 2002.
15. "Shill Bidding in Multi-round Online Auctions." Zoltán Hidvégi, Wenli Wang, and Andrew B. Whinston. *Proceedings of 35th Annual Hawaii International Conference on System Sciences (HICSS'02)*. Jan 2002.
16. "An e-Risk Primer." Xenia Ley Parker, CFSA. Acknowledged collaborative effort. *The Institute of Internal Auditors Research Foundation*. Altamonte Springs, Florida. 2001.
17. "Economic Mechanism Design for Securing Online Auctions." Wenli Wang, Zoltán Hidvégi, and Andrew B. Whinston. *Proceeding of Twenty-first International Conference on Information Systems (ICIS'00)*. Brisbane, Queensland, Australia, December 2000, pp. 676-680.
18. "Designing Secure Mechanisms for Online Processes." Wenli Wang, Zoltán Hidvégi, and Andrew B. Whinston. *Proceeding -- International Conference on Electronic Commerce (ICEC'00)*. Seoul, Korea, August, 2000, pp. 312-318.
19. "Digital Systems Design – An Example for Efficient Web-based Training." Michael Wahl, Wenli Wang, and Rainer Bruck. *IEEE Workshop on Design, Test and Applications*. Dubrovnik, 1999.
20. "General Guidelines of Internal Control over Internet-based Electronic Commerce." Andrew D. Baily, Anitesh Barua, Wenli Wang, Andrew B. Whinston, and Minnie Yi-Min Yen, *Proceedings of 1998 Administrative Sciences Conferences: New Horizons & Role in Development*, Dhahran, Saudi Arabia, 1998.
21. "Binary Multi-Unit eAuction Robust Against Buyer False-name Bidding." Wenli Wang, Zoltán Hidvégi, and Andrew B. Whinston. *Internet Productivity Conference*. Austin, TX. 1997.

Experience Description

Research

- Published research in tier-one and tier-two journals. 10+ conference publications. 15+ completed research but not yet published as efforts of recent years were put in leadership, PhD education, and self-growth in wisdom.
- Recognized individual with extraordinary ability and national interest waiver with expertise in IS security and assurance, e-commerce, and auction design.
- Researched in diverse areas: information systems, economics, accounting, computer science, organizational behavior, strategic management, operations management, international business, human resource management, etc.
- Skilled in guiding industrial experts with theoretical supports and academic rigor.
- Offered expertise sought by universities and industrial leaders like Google, eBay, and Yahoo!.

Leadership

- Leadership in BSCS at Trident: Served as Faculty Lead (=Program Director); Led program review and curriculum development; Organized course review/development; Developed new concentrations; Managed faculty assignments and evaluations; Managed student complaints, retention, etc.
- Leadership in PhD Program at Trident: Served as Faculty Lead (=Associate PD); Managed 100+ PhD qualifying exams 2007-2012 with no complaint (designed exam criteria, issued exams, assigned committees, oriented faculty/students, and resolved conflicts); Served in Program Review; Led curriculum development; Oriented new and advised matriculate students; etc.
- Diverse committee experiences: Served on the university-wide Committees of Academic Policy, Curriculum, Program Reviews, Course Assessment, Teaching Evaluations, Faculty Search, Faculty Assessment, PhD Admission, etc.; Chaired BSITM, BSCS program review committees.
- WASC Accreditation experiences. AACSB and ABET exposure.

Teaching

- Taught eleven courses (BBA, MBA, PhD) at the top business schools (University of Texas at Austin, Emory University, and University of Nevada at Las Vegas). Evaluation: 4.07 out of 5.
- Designed and taught a wide range of MBA, BBA, MSITM, BSITM, BSCS, PhD courses at Trident University International. Taught PhD capstone for six years. Evaluation: Excellent.
- Served as dissertation chairs and members for 10+ PhD students; Sample PhD graduates/students for whom I have served as dissertation chair:
 - 1) *Pauline Ash*, PhD, Assistant Professor, Thomas University;
 - 2) *Ralph Wayne Ezelle Jr.*, PhD, P.G., Ezell, Ezell & Associates, Inc.; Core Faculty, Trident U.
 - 3) *Gregorio Huerto*, PhD, Navy Officer, US Marine Corps.; Chaplain, Navy Chaplain Corps.
 - 4) *Vipin K. Devgan*, PhD, Psychologist, University of Massachusetts Medical School (UMMS)
 - 5) *Christopher D. Knaggs*, Director, Continuous Process Improvement Office, Defense Contract Management Agency (DCMA)
 - 6) *David Honeywell*, Chief, Network Security and Managed Service, Defense Information Systems Agency (DISA)

Technical Skills

- Programming (C, C++, Java, JavaScript, Visual Basic, Database, Web Programming (HTML, XML, CSS, Flash, Dreamwaver, Scripting Languages))
- Project Management, System Analysis and Design
- Telecommunications (PBX, TCP/IP, Wireless) and Networking (guided software/hardware lab)
- Multimedia (video live streaming, audio podcasting)
- Statistical Packages (SPSS, SAS, STATA, SmartPLS)
- Security, control, and compliance
- Excellent verbal and written communication skills in both English and Mandarin

Selected Honors

Elected Editorial Review Board Member

Journal of Database Management, 2004-2008

International Journal of E-Business Research, 2004-2008

Invited Conference Session Chair

International Conference on Management Science and Engineering, 2012

First International Conference on the Theory and Applications of Social Networks, 2011

Marketing Educators' Association (MEA) Conference, 2009

Program Committee Member

First International Conference on the Theory and Applications of Social Networks, 2011
17th International World Wide Web Conference, 2008
Information Resources Management Association International Conference, 2005
Pre-ICIS04 Academic Workshop on e-Culture, U-Tourism and Virtual Heritage, 2004
The Fifth International Conference on Electronic Commerce, 2003
The Eighth Annual Informs Conference on Information Systems and Technology, 2003

Reviewer

National Science Foundation, Management Science, Information Systems Research, Decision Support Systems, Journal of Organizational Computing and Electronic Commerce, Communications of the ACM, Economic Modeling, IEE Proceedings--Software, International Journal of E-Business Research, Applied Artificial Intelligence, etc.; and many conferences.

Awards

Fellowship, Center for Research in E-Commerce, Univ of Texas at Austin, 1998, 1999 & 2000
The Institute of Internal Auditors Research Foundation Grant, "Auditing & E-commerce," 1997
Exemption of Graduate Admission Exam, Beijing Univ. of Posts and Telecommunications, 1994
Hua Wei Scholarship Award (1st tier), Beijing Univ. of Posts and Telecom, 1991, 1993
Motorola Scholarship Award (2nd tier), Beijing Univ. of Posts and Telecommunications, 1992
China National Level II Athlete in Women's High Jump

Professional Associations

Association of Information Systems
Academy of Management

References

Andrew B. Whinston, PhD

Hugh Roy Cullen Centennial Chair Professor, Business Administration
Professor, Information, Risk, and Operation Mgmt, Computer Science, Economics Departments
Director, Center for Research in E-Commerce, University of Texas at Austin
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Emmanuel Monod, PhD

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Former Vice President, Association of Information Systems
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Jerry Cha-Jan Chang, PhD

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