Xuan Wang

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EDUCATION

- **Ph.D.**   *Louisiana State University*, 08/2018
    - Major: Information Systems & Decision Sciences
    - Support Area: Big Data Analytics, Causal Inference, Predictive Analytics
- **M.S.**   *Louisiana State University*, 12/2013
    - Major: Applied Mathematics
- **B.S.**   *Louisiana State University*, 05/2011
    - Major: Mathematics
    - Concentration: Statistics & probability

EMPLOYMENT

Assistant Professor Department of Information Systems   September 2018- Present
Robert C. Vackar College of Business and Entrepreneurship, University of Texas Rio Grande Valley

HONORS AND AWARDs

- New Program development Fellow, University of Texas Rio Grande Valley,   2019-2020
- Faculty ADVANCE Leadership Development Award   2020
- Grace Hopper Celebration Faculty Scholarship   2020
- DSI 2019 New Faculty Consortium Fellow   2019
- Faculty ADVANCE Award, University of Texas Rio Grande Valley,   2019
- Junior Faculty Travel Grant, University of Texas Rio Grande Valley,   2018
- Student Ambassador Award for SAS Global Forum,   2018
- AMCIS 2017 Doctor Consortium Fellow,   2017
- Student Scholarship for SAS Global Forum,   2016
- Graduate Student Travel Award,   2014-2015
- Barnidge Scholarship – E. J. Ourso College of Business,   2014

RESEARCH

- *Interests*

    Causal Inference, Big Data Analytics, Machine Learning, Business Intelligence, Advanced Methodologies

- *Book Chapter*

    Xue Wen, **Xuan Wang.** "Data Visualization in Online Education Research" Book title: Advancing Educational Research with Emerging Technology. IGI Global, 2020

- *Journal Publications*

    Yi Liu, Jiahe Song, **Xuan Wang**, Xinlin Tang. "The impacts of App Evolution on App Continuance Intentions" An Evolution Driven TAM Perspective" *Communication of Association Information Systems, 2021*

    Xuan Wang, Jun Sun. "Breadth and depth of electronic health record diffusion: Business, service and society drivers" *Information Systems Frontiers, 2021*

    Yaojie Li, **Xuan Wang**, Thomas Stafford, **Xuan Wang**. "Significant Stakeholders: Toward an Agile Knowledge Management System in the Time of Coronavirus Crisis" *IEEE Engineering Management Review, 2020*

    Xuan Wang, Helmut Schneider, Ken Walsh "A Predictive Analytics Approach to Building a Decision Support System for Improving Graduation Rates at a Four-Year College" *Journal of Organizational and End User Computing.* 2020*.

Xuan Wang, Hanieh Javadi Khasraghi, Helmut Schneider. "Towards an Understanding of Participants' sustained participation in Crowdsourcing Contests" *Information Systems Management*, .2019.

- *Conference Proceedings*

    Yaojie Li, **Xuan Wang,** Tom Stafford, Haneih Javadi Khasraghi, "*Starting with Small Steps: Green User Behavior and Planning Mechanisms"* The 53th Hawaii International conference on System Sciences, 2021

    Hanieh Javadi Khasraghi, **Xuan Wang**. "*Crowdsourcing Contests: understanding environmental and organizational factors in sustained participation*" The 52th Hawaii International conference on System Sciences, 2020

    Hanieh Javadi Khasraghi, **Xuan Wang**, Yaojie Li. "*Understanding Individuals' Motivations for Knowledge Sharing in Virtual Communities*" Proceedings of 50th Decision Science Institute, 2019

    Yaojie Li, **Xuan Wang**, Daqi Xin. "*An Inquiry into AI University Curriculum and Market Demand: Facts, Fits, and Future Trends*" Proceedings of *ACM SIGMIS Computers and People Research, 2019*

    Xuan Wang, Hanieh Javadi Khasraghi, Helmut Schneider. "What Sustains Individuals' Participation in Crowdsourcing Contests?" 52th Hawaii International conference on System Sciences, 2019

    Xuan Wang, Helmut Schneider, "A Causative Analytic Approaches for Improving Graduation and Retention Rates", *49th Decision Science Institute, 2018*

    Xuan Wang, Helmut Schneider, "Using *Analytics to gain insights into the cryptocurrency market*", *Proceedings of 24th Americas Conference on Information Systems, 2018*

    Xuan Wang, Helmut Schneider, "A Study of Modelling Approaches for Predicting Dropout in a Business College" – SAS Student ambassador award, *SAS Global Forum, 2018*

    Xuan Wang, Hassan M. Ardakani, Helmut Schneider, "Does Ride Sharing Have Social Benefits?" Proceedings of *23rd Americas Conference on Information Systems, 2017.*

    Hanieh Javadi Khasraghi, **Xuan Wang**, Rudolf Hirschheim, "Sustaining Participant Involvement in Crowdsourcing Contests through Collaboration," *Proceedings of 23rd Americas Conference on Information Systems, 2017*

- *Under Review*

    Yaojie Li, **Xuan Wang**, Craig Van Slyke. "Beyond Pride and Prejudice: Reflections on Online Reviews of IS"

    Hanieh Javadi Khasraghi, **Xuan Wang**, Yaojie Li. "Gender differences in Virtual Community Knowledge Sharing"

    Xuan Wang, Helmut Schneider. "Comparison of Causal Inference Methods in the Presence of Effect Modifiers"

    Xuan Wang, Yaojie Li, Daqi Xin. "The IT Labor Market in Pandemic Conditions"

    Hanieh Javadi Khasraghi, **Xuan Wang**, Yaojie Li. "Determinants of sustained participation in crowdsourcing contests: the relative importance of environment and organization specific factors"

    Yaojie Li, **Xuan Wang,** Tom Stafford & Hanieh Javadi Khasraghi. "Pro-environmental user behavior in the life cycle of consumer electronics"

    Conference Presentations

    "Exploring Green IT User Behavior: Its Nature, Antecedents, and Consequences" (2019 Annual Meeting of DSI)

    "Is the March Madness Really Mad? A Comparison Study on NCAA Basketball Tournament Predictions" (2019 Annual Meeting of DSI)

    "Comparison of Causal Inference Methods" (2017 Informs Annual Meeting & 2017 Annual Meeting of DSI)

    "Five Steps to Big Data Analytics" (2016 Informs Annual Meeting & 2016 Annual Meeting of DSI)

    "Big Data and Causality" (2015 Informs Annual Meeting & 2015 Annual Meeting of DSI)

"Using Predictive Analytic to Increase Graduation Rates" (2014 Informs Annual Meeting & 2014 Annual Meeting of DSI)

TEACHING

- **UTRGV, Robert C. Vackar College of Business & Entrepreneurship**

  PhD Level
      Multivariate Analysis I (QUMT 8310)
      Multivariate Analysis II (QUMT 8311)

  MBA
      Business Statistics (QUMT 6303)
      Business Research Method (QUMT 6310)

  MSBA – Master of Science in Business Analytics (AOP)
      Decision Optimization for Business Analytics (QUMT 6360)

  Undergraduate
      Decision -Making in Business (QUMT 4343)
      Decision Analytics (QUMT 2398)

- **LSU, E.J. Ourso College of Business**

  Undergraduate
      Internet Development (ISDS 3105)
      Statistic Methods & Decision Models (ISDS 2001) – Redesigned this course for Business Analytics

SERVICE AND PROFESSIONAL ACTIVITIES

- *Editor Review Board*
      International Journal of Data Science (IJDS)

- *Conference Paper Reviewer*
      Americas Conference on Information Systems (AMCIS)
      Hawaii International conference on System Sciences (HICSS)
      European conference on Information Systems (ECIS)

- *Professional Affiliations*
      Association for Information systems (AIS)
      International Association for Operations Research & Analytics Professionals (INFORMS)
      Decision Science Institute (DSI)

- *Professional Activities*
      AMCIS 2019 Minitrack Chair
      DSI 2019 Session Chair
      Technical committee for ICEEB 2019 & 2020

WORK EXPERIENCE

- Research Assistant Experience **---** *Highway Safety Research Group (01/2014 – 08/2018)*
      Managed the database, clean and manipulate crash data.
      Created dashboards for looking up the potential factors.
      Involved with projects for building predictive models about crash analysis.
      Software: R, Python, Tableau, SQL Server, BayesiaLab, SAS, Hadoop, Spark, Stata

- Content Tutor – Athletics Department, Louisiana State University (09/2012 – 08/2013)
- Genesis Tutor – Office of Multicultural Affairs, Louisiana State University (03/2010-08/2013)
- Internship – Industrial and Commercial Bank of China, Nanjing, China (05/2012 – 07/2012)