

Dr. Punit Ahluwalia

CONTACT INFORMATION	Information Systems Department The Robert C. Vackar College of Business & Entrepreneurship The University of Texas Rio Grande Valley 1201 West University Dr., Edinburg, TX 78541	Phone (956) 665-3353 Fax (956) 665-3367 E-mail punit.ahluwalia@utrgv.edu@utpa.edu Web www.utrgv.edu/cobe
RESEARCH INTERESTS	<p>Whether Information Technology can “empower” people and groups within organizations? What types of IT uses contribute to empowerment? What are the effects of empowerment caused by IT use?</p> <p>What are the organizational factors that affect information security compliance within organizations? What are their inter-relationships? What are their antecedents?</p> <p>How can IS contribute to mitigating societal problems? I am currently focusing on Medication Adherence.</p> <p>What different factors impact Information Security compliance in organizations?</p> <p>“Quality of Service” of mobile transactions, modeling mobile transactions, multicast communications, wireless networks, “Knowledge based systems” in supporting applications in wireless networks, impact of emerging networking technologies on business processes.</p> <p>Understanding the impact of “Quality” of and “Satisfaction” with IS “products” and “services” in influencing users’ perceptions and willingness to use.</p>	
EDUCATION	Ph.D. Department of Computer Information Systems, Georgia State University, Atlanta, Georgia	July 2006
	M.S. Department of Computer Information Systems, Georgia State University, Atlanta, Georgia	May 2002
	M.Tech. Department of Management and Systems, Indian Institute of Technology, Delhi, India	May 1995
	B.E. Department of Electrical Engineering, Regional Engineering College, Kurukshetra, India	May 1984
JOURNAL PUBLICATIONS – PUBLISHED OR FORTHCOMING	<p>Ahluwalia, Punit, and Mohammad Merhi, Understanding country level adoption of e-commerce: A theoretical model including technological, institutional, and cultural factors <i>Journal of Global Information Management (JGIM) Vol 28, No. 1, 2020 pp.1-22</i></p> <p>Mohammad Merhi and Punit Ahluwalia, Examining the impact of deterrence factors and norms on resistance to information systems security <i>Computers in Human Behavior, Vol. 92, 2019 pp. 37-46</i></p> <p>Mohammad Merhi and Punit Ahluwalia, Digital Economy and Corruption Perceptions: A Cross-Country Analysis <i>International Journal of Digital Accounting Research, Vol. 18, 2018</i></p> <p>Mohammad Merhi and Punit Ahluwalia, Influence of Safety Nets, Uncertainty Avoidance, and Governments on E-Commerce Adoption: A Country-Level Analysis <i>International Journal of Applied Business and Economic Research, Vol. 15, No. 2, 2017 pp. 397-408</i></p>	

- Gregory Gimpel, Upkar Varshney, and Punit Ahluwalia, "Emerging IT for Medication Adherence", *IT Pro*, Vol. 18, No. 3, 2016 pp. 30-36
- Mohammad Merhi and Punit Ahluwalia, "Country Environments Affecting E-commerce Adoption: A Cross-Country Analysis," *Journal of Management Systems*, Vol. 25, No. 3, 2015 pp. 21-38
- Punit Ahluwalia, Gregory Gimpel, and Upkar Varshney, "ICT Interventions Impacting Big Societal Challenges: an electronic healthcare approach to homelessness", *International Journal Of Electronic Health*, Vol. 8, No. 2/3/4, 2015 pp. 95-120
- Punit Ahluwalia, Gregory Gimpel, and Upkar Varshney, "A Consumption Theory and Task Fitness Perspective of Wireless Internet Adoption for Mobile Commerce", *International Journal Of Electronic Business*, Vol. 12, No. 1, 2015 pp. 46-69
- Punit Ahluwalia, Upkar Varshney, Kai Koong, and June Wei, "Ubiquitous, Mobile, Pervasive and Wireless Information Systems: Current Research and Future Directions", *International Journal of Mobile Communications*, vol 12, No. 2, 2014, pp 103-141
- Punit Ahluwalia, Jerald Hughes, and Vishal Midha, "Drivers of eRetailer Peak Sales Period Price Behavior: An Empirical Analysis", *International Journal of Accounting and Information Management*, vol 21, No. 1, 2013, pp 72-90
- Jerald Hughes, Punit Ahluwalia, Vishal Midha, "A Heuristic Evaluation Instrument for E-government Online Software", *Electronic Government: An International Journal*, Vol. 10, No. 1, 2013 PP. 1-18
- Gregory Gimpel, Punit Ahluwalia, and Upkar Varshney, "The Wireless Internet Decision: a multi-method investigation of decision drivers", *International Journal of Mobile Communications*, vol. 10, no. 5, 2012, pp. 449-474
- Punit Ahluwalia, "What is behind price dispersion in e-markets", *International Journal of Services and Standards*, vol. 7, no. 3/4, 2011, pp. 291-309
- Punit Ahluwalia and Upkar Varshney, "Novel Resource Allocation Methods to Support Transaction Level Quality of Service for Mobile Applications", *International Journal of Network Design and Innovation*, vol. 3, no. 4, 2011, pp. 239-246
- Vishal Midha, Punit Ahluwalia, Jerald Hughes, "A New Revenue Model: A Different Approach to Reduce Music Piracy", *International Journal of Electronic Finance*, vol. 5, no. 3, 2011, pp. 249-260
- Jun Sun, Punit Ahluwalia and Kai Koong, "Is More Secure Better? A Study of Information Security Readiness", *Industrial Management & Data System*, vol. 110, no. 3, 2010, pp. 433-452
- Punit Ahluwalia, Gregory Gimpel and Upkar Varshney, "Why people aren't using wireless internet: a behavioral economics approach to technology preferences", *International Journal of Services and Standards*, vol. 6, no. 3/4, 2010, pp. 271-294
- Punit Ahluwalia and Upkar Varshney, "Introducing Composite Quality of Service and Decision Making Perspectives in Heterogeneous Wireless Networks", *Decision Support Systems*, Vol 46, No. 1, January 2008 pp 542-551
- Punit Ahluwalia and Upkar Varshney, "A Framework for Transaction-level Quality of Service for

M-commerce Applications”, *IEEE Transactions on Mobile Computing*, Vol6, No. 7, July 2007 pp 848–864

Mark Keil, Amrit Tiwana, Jijie Wang, and Punit Ahluwalia, “The Bounded Rationality Bias in Managerial Valuation of Real Options: Theory and Evidence from IT Projects”, *Decision Sciences*, Vol 38, No. 1, 2007 pp 157–181

Punit Ahluwalia and Upkar Varshney, “Managing End-to-End Quality of Service in Multiple Heterogeneous Wireless Networks”, *International Journal of Network Management*, Vol 17, No. 3, June 2007

Punit Ahluwalia and Upkar Varshney, “Supporting Quality of Service of Mobile Commerce Transactions”, *Communications of the AIS*, Vol. 16, Article 20, September 2005.

Upkar Varshney, Alisha Malloy, Punit Ahluwalia, and Radhika Jain, “Wireless in the Enterprise: Requirements, Solutions, and Research Directions”, *International Journal of Mobile Communications*, Vol. 2, No. 4, 2004, pp 354-367.

Andrew Burton-Jones, Veda C. Storey, Vijayan Sugumaran, Punit Ahluwalia, “A Semiotic Metrics Suite for Assessing the Quality of Ontologies”, *Journal of Data and Knowledge Engineering*, Vol. 55, No. 1, October 2005, pp 84-102

CONFERENCE
PUBLICATIONS

Mohammad Merhi and Punit Ahluwalia, Influence of Safety Nets, Uncertainty Avoidance, and Governments on E-Commerce Adotion: A Country-Level Analysis *SIMSARC, Pune, India, 2016*

Mohammad Merhi and Punit Ahluwalia, “The Effect of Punishment on Information Security Compliance: A Process Model,” *European Conference on Information Systems (ECIS), Istanbul, Turkey, 2016*

Mohammad Merhi and Punit Ahluwalia, “Top Management can Lower Resistance Toward Information Security Compliance,” *International Conference on Information Systems (ICIS). Dallas, Texas, 2015*

Mohammad Merhi and Punit Ahluwalia, “Country Environments and E-commerce Adoption: A Cross-Country Analysis,” *Annual Meeting of the Decision Sciences Institute. Tampa, Florida, 2014*

Vishnu Narayanan , Rosmi Rehman , Alin Devassy, Subramanian Rama, Punit Ahluwalia, Anand Ramachandran; *Enabling Location Based Services for Hyperlocal Marketing in Connected Vehicles, IEEE Conference on Connected-Vehicles, Vienna, Austria Nov 2014*

Mohammad Merhi and Punit Ahluwalia, “The Role of Punishment and Task Dissonance in Information Security Policies Compliance,” *Americas Conference on Information Systems Proceedings. Savannah, Georgia, AMCIS 2014*

Mohammad Merhi and Punit Ahluwalia, “Information Security Policies Compliance: The Role of Organizational Punishment,” *Americas Conference on Information Systems Proceedings. Chicago, Illinois, AMCIS 2013*

Punit Ahluwalia, Jacquelyn Foncerrada, Maria Garza, and Alexander Rodas, “A Content Analysis of the Research in Emerging Technologies” *South West DSI Conference 2013, Albuquerque, New Mexico, 2013*

Punit Ahluwalia and Anand Ramachandran, "An Integrated Framework for Warehouse Management Using Wireless Sensor Networks and Decision Support Systems," *International Conference on Wireless Technologies for Humanitarian Relief. (ACWR2011)*

Rosario Vazquez, Esther Rocha, Sergio Dominguez, Daniel Morales, and Punit Ahluwalia "Green IS and Green IT: Organizational Awareness, Readiness and Competitiveness", *Proceedings of the Seventeenth Americas Conference on Information Systems, Detroit 2011*

Hector Gloria, Jimie Limon, Juan Guerrero, Zahid Anowar and Punit Ahluwalia, "Technical, Social, and Economic issues in Health Information Exchange (HIE)", *Proceedings of the Seventeenth Americas Conference on Information Systems, Detroit 2011*

Hyung Koo Lee, Upkar Varshney, and Punit Ahluwalia, "Ubiquitous, Mobile, Pervasive and Wireless Information Systems: Current Research and Future Directions ", *Proceedings of the Sixteenth Americas Conference on Information Systems, Lima, Peru 2010*

Punit Ahluwalia and Upkar Varshney, "Decision Support for Quality of Service in Future Wireless Networks", *International Conference on Decision Support System (ICDSS), San Francisco, August 6, 2009*

Punit Ahluwalia and Bin Wang, "A Study of Interaction between Product and Service Qualities", *Proceedings of the Fifteenth Americas Conference on Information Systems, San Francisco, August 6-9, 2009*

Jun Sun and Punit Ahluwalia, "How Users Respond to Authentication Methods – A Study of Security Readiness", *Proceedings of the Fourteenth Americas Conference on Information Systems, Toronto, Canada, August 14-17, 2008*

Punit Ahluwalia and Upkar Varshney, "Supporting Quality of Service Across Multiple Heterogeneous Networks", *Proceedings of the Eleventh Americas Conference on Information Systems, Omaha, Nebraska, August 11-14, 2005*

Punit Ahluwalia and Vijay Kasi, "A Hybrid Model for Mobile Commerce Transactions", *Proceedings of 16th Information Resources Management International Conference, San Diego, CA, 15-18 May, 2005*

Punit Ahluwalia and Upkar Varshney, "A Link and Network Layer Approach to Support Mobile Commerce Transactions", *Proceedings of the 58th IEEE Vehicular Technology Conference, 5, Fall 2003, pp 3419-3414*

Andrew Burton-Jones, Veda C. Storey, Vijayan Sugumaran, Punit Ahluwalia, "Assessing the Effectiveness of the DAML Ontologies for the Semantic Web", *Proceedings of the 8th International Conference on Applications of Natural Language to Information Systems, (NLDB 03), Germany, June 2003, pp 56-69*

Upkar Varshney, Alisha Malloy, Radhika Jain and Punit Ahluwalia, "Wireless in Enterprise", *Proceedings of the First International Conference on Wireless in the Enterprise, Oct. 2002*

Vijay Kasi and Punit Ahluwalia, "SCOR as a Technique for Modeling Supply Chains", *International Conference of Operations Management, Mumbai, India, December 2004.*

PLANNED RESEARCH "Social and Behavioral factors affecting Medication adherence"
PROJECTS

“A model that captures requirements for artifacts to improve medication adherence”

“Factors affecting information Security at the workplace: Task Dissonance, Self Policing, Word of Mouth, Resistance, Normative factors,” Several papers are expected in this stream

“How Information Systems empower people, organizations? How does it benefit organizational effectiveness?” A new research stream that should yield many research articles in the coming years.

“Should Information Systems look beyond the traditional research methods and focus more on innovation?”

“Quality of Service as a Determinant of Pricing Strategies in Supporting Mobile Transactions”, Potential targets: IEEE Transactions on Engineering Management, Journal of Management Information Systems, IEEE Transactions on Knowledge and Data Engineering.

“Comparing Priority, Sociability, and Delegation Based Approaches to Support QoS of M-Commerce Applications: A Performance Evaluation Study”, Potential target: Journal of the Association of Information Systems or Communications of the AIS

GRANTS

Awarded dissertation grant (2005-2006) by the Office of Research and Sponsorship Programs, Georgia State University. The grant proposal was among the best seven submitted in 2005-2006.

Awarded the Faculty Development Grant (UTPA) in 2009-10 for acquiring Business Intelligence skills

TEACHING AWARD

GTA teaching excellence award by J. Mack Robinson College of Business, Georgia State University, Atlanta, Georgia for outstanding teaching performance in the year 2004.

Selected as the favorite professor by the VIP student of the department in 2008-09. Recognized for excellence in student mentorship.

Selected as the favorite professor by the VIP student of the department in 2009-10. Recognized for excellence in student mentorship.

Recognized for mentoring students research by the College of Business Administration at three Research Day events.

SERVICE AWARD

Recognized for active service by the department. Nominated for excellence in service at the college level in 2014

TEACHING EXPERIENCE

The University of Texas – Rio Grande Valley, Edinburg, Texas

Associate Professor

2015 – Current

Courses taught: Management Information Systems (INFS 3390), Database Management Systems (INFS 3335), E-Commerce Design (INFS 4312) (Online)

The University of Texas – Pan American, Edinburg, Texas

Assistant/Associate Professor

2006–2015

Courses taught: Doctoral Seminar in Global Information Systems (CIS 8318)Business Research Methods (QUMT 6310), Management Information Systems (MIS 6330), Management Information Systems (CIS 3390), Database Management Systems (CIS 3335), Computer Networks and the Internet (CIS 3338), Web Systems Design (CIS 3312) (Online), Computer Information Systems (CIS 1301), Introduction to Information System and Technology (CIS 1201), Introduction to Office Software (CIS 1101)

Georgia State University, Atlanta, Georgia

Instructor

Fall 2003–Summer 2006

Taught graduate and undergraduate courses. Courses taught: Computer Skills for Empirical Research (BA 6000), Introduction to Computer based Information Systems (CIS 2010)

TEACHING INTERESTS

Research Methods, IS research, Project Management, Database Management Systems, Business Intelligence and Analytics, Business Process Reengineering, IS Research methods, Telecommunications and Networking, Systems Analysis and Design, Statistical/Computing Tools for Empirical Research, Information Systems for Managers.

SERVICE TO RESEARCH COMMUNITY

Reviewed papers for major journals and conferences such as IEEE transactions on mobile Computing, Communications of the AIS, International conference on information systems (ICIS), Decision Support Systems, and other journals and conferences in the IS field

PROFESSIONAL SERVICE

Member of the editorial board of International Journal of Interdisciplinary Telecommunications and Networking

Served in positions such as track chair, session chair, and panelist in many IS conferences

Member of several important committees at the department, the college of business and the university level

COMMUNITY SERVICE AND ENGAGEMENT

Associated with Valley Baptist Hospital in studying their Data storage processes

Introduced such assignments in my classes that could contribute to the RGV community. Many very good projects involving the local communities were completed by the students in the Web Design and Database classes in the recent years

OTHER HONORS

Award for scholarly achievement by Phi Beta Delta Honor Society for International Scholars at Georgia State University (2001).

PROFESSIONAL EXPERIENCE

Larsen and Toubro Limited, Vadodara, India

June, 1995 - Jan, 2000

I held the position of *Project Manager (Project Planning and Control)* in the power projects group at the time of leaving Larsen and Toubro. I led the team which did project planning, and monitored ongoing projects. I developed and implemented many process improvement systems in the areas of material receipt planning and control, project monitoring and control, document control.

National Thermal Power Corporation, Delhi, India (NTPC) October, 1984 - June, 1995

I held a position of *Senior Electrical Engineer* at the time of leaving NTPC. At NTPC, I designed electrical systems for power and transmission projects, and interfaced between the construction and the project engineering groups.

- COMPUTER SKILLS
- Statistical Packages: SAS, R, and SPSS
 - Programming Languages: C++, Perl, Visual Basic, MySQL, PHP, some use of Unix shell scripts,
 - Applications: L^AT_EX, common Windows, spreadsheet, and presentation software
 - Operating Systems: Unix/Linux, Windows.

REFERENCES

Dr. Upkar Varshney	Phone	(404) 463-9139
Department of Computer Information Systems	Fax	(404) 651-3842
Robinson College of Business	E-mail	uvarshney@gsu.edu
Georgia State University		
35 Broad Street, Atlanta, Georgia 30303		